



DIGITAL DISPLAY SOLUTIONS

BUSINESS & COMMUNITY APPLICATIONS

2021



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Text-only, red LED display that installs into a copy board structure
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Control software from any device for any user of GS6 or GT6x displays
- 28 **Galaxy Display Communication**
- 30 **Galaxy GS6 Series Displays**
Full-color or monochrome LED signs capable of showing text, graphics, and animations
- 32 **GS6 15.85 mm Monochrome & RGB**
- 34 **GS6 19.8 mm Monochrome & RGB**
- 36 **Galaxy GT6x Series Displays**
High-resolution full-color displays with surface-mount LEDs for ultra-sharp text, graphics, and animations
- 38 **GT6x 8 mm Outdoor RGB**
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- 42 **Indoor Digital Signage**
- 43 **Custom LED Displays**
Available in any size or shape your customer desires



FEATURED INSTALLATION

2020 SIGN DESIGN CONTEST WINNER

Location:
Wilderness Resort in Baraboo, Wisconsin

Sign Company:
La Crosse Sign Group of Onalaska, Wisconsin

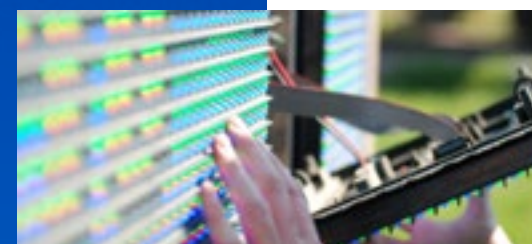
Display:
DXB Series 288 lines x 504 columns 10mm RGB

La Crosse Sign Group ended up working with Benchmark to create a foam wing to add to the structure, rather than use the real wing the resort originally requested. It's an excellent addition to their 360x720 10mm SMD DXB-0101 digital sign—the largest in the Wisconsin Dells area.

Our Sales Expo 2020 attendees chose the cover image as the winner of the annual Sign Design Contest.

5 REASONS TO WORK WITH DAKTRONICS

You understand that great signage is a key marketing tool for businesses and organizations to be successful. When an LED sign is a part of that solution you'll want to ensure your customer uses an LED sign that enhances their brand and marketing efforts. Here are some key points to tell your customers why a Daktronics LED sign is the right choice:



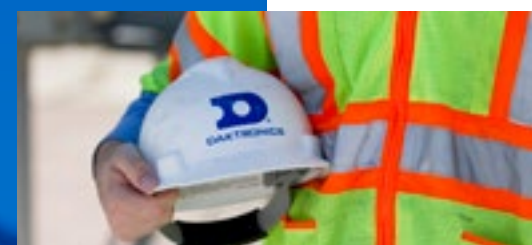
PREMIUM IMAGE QUALITY

Advertising success depends on dynamic images. A Daktronics display offers you outstanding image quality, not only on day one, but also 10 years down the road.



LONG-TERM PRODUCT QUALITY & RELIABILITY

An LED sign is a big investment for your business, so you'll want a high-quality display. You expect your essential advertising medium to meet your expectations throughout its lifetime.



EXCELLENT USER EXPERIENCE

Venus Control Suite software maximizes your display investment. We designed the software to be intuitive and easy to use. You also can access it from anywhere!

LOCAL PRESENCE

An LED sign is a big investment. But we're here to help you choose the right product for you. Also, rely on our regional service presence to help support you through the sign's lifetime.

TRAINING & SUPPORT

To make sure you get the most from your advertising medium, Daktronics provides you the training and support needed to ensure top performance throughout your sign's lifetime.

Not only does Daktronics support the end customer, but we also support you through sales and support resources:

- › Depend on our regional sales reps to show the customer a live demo to help close the sale: Daktronics.com/LiveDemo
- › Attend our annual Sales Expo event, dedicated to helping you grow your LED sign sales: Daktronics.com/SalesExpo
- › Attend our regional technical trainings to learn how to improve installation and service techniques: Daktronics.com/RTTS





SALES & SERVICE RESOURCES

Daktronics is dedicated to helping our sign company partners succeed. Our web section at Daktronics.com/SignCompanies is a hub for finding sales, service and marketing support. Here are the resources you can find on the site:

PRODUCT RESOURCES

Discover more about our products by downloading product drawings and specifications.

PRODUCT LITERATURE

Access sales literature from our document index.

SHOP DRAWINGS

Detailed shop drawings are available to help you design the perfect sign.

REQUEST PRICING

Interested in purchasing one of our products? Get started online by filling out the short form, and we'll get in touch with you.

REQUEST SERVICE

Use the Daktronics MySupport Portal to: create a new service case, view open service cases, check order and shipping status, verify account information and select email/text settings to receive case notifications. Our standard response time is less than 4 hours.

 [DAKTRONICS.COM/SIGNCOMPANIES](https://Daktronics.com/SignCompanies)

MARKETING RESOURCES



CUSTOMER STORIES

Exciting testimonies—how LED signs deliver success.



PROJECT GALLERY

LED signs persuade and inform in a wide range of applications.



LED SIGN LEGISLATION

Technical assistance for permitting, support for sign companies.



BUSINESS & COMMUNITY BLOG

Use this blog to supplement your own marketing efforts. Share posts on your site and through your social media channels.



Follow Daktronics



and share our



content for a quick



and easy way



to supplement

your own social

media content.



[BLOG.DAKTRONICS.COM/CATEGORY/BUSINESS-COMMUNITY](https://Blog.Daktronics.com/Category/Business-Community)





“80% of Fortune 500 companies lease some or all of their equipment.”

—Equipment Leasing Association

CLOSE THE SALE WITH FINANCING

Do you have customers interested in monthly payments or who have budget constraints? Talk to them about financing options. Daktronics partners with PNC Equipment Finance, the fourth-largest bank-owned financing company, to provide your customers with this unparalleled opportunity.

SHARE THESE POINTS WITH YOUR CUSTOMERS

Increase Profits Immediately

Your customer can enjoy increased sales from the new display while making reasonable monthly payments.

Preserve Bank Credit Lines

Financing doesn't affect current borrowing limits with your customer's bank.

Adjusted Ad Budget

Leasing a digital display makes more fiscal sense for your customers than radio or newspaper ads, because it stimulates sales at more strategic locations.

Soft Costs Included

The LED signs, structure, permit fees, installation, and sub-contracting work are all included in one lump sum.

FINANCING BENEFITS FOR YOUR CUSTOMER

- › Quick approval
- › Attractive monthly payment
- › Flexible payment schedules
- › Immediate increased profits
- › Improved cash flow after final payment

OPTIONS TO FIT YOUR CUSTOMERS' NEEDS

- › One Dollar Buyout
- › Municipal Lease Purchase
- › First Amendment Lease

For more information, see Daktronics.com/Financing

Ask about international options.

FINANCING BENEFITS FOR YOUR SIGN COMPANY

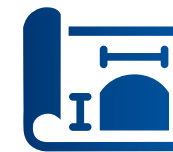
No down payment is required at the time of order and faster funding is available when your customer chooses to use Daktronics financing.



Visit Daktronics.com/Financing for details and to download our free guide for your customers.

TIMELY SIGN CODE SUPPORT

Since its inception in 2006, our Sign Legislation Department has worked on codes in more than 700 cities, states, and provinces. They know how to work with city and state governments to improve LED sign regulations, and they're ready to help you. Our sign code department offers the following support:



SPECIAL PERMITTING ASSISTANCE



APPROPRIATE SIGN CODE WORDING RECOMMENDATIONS



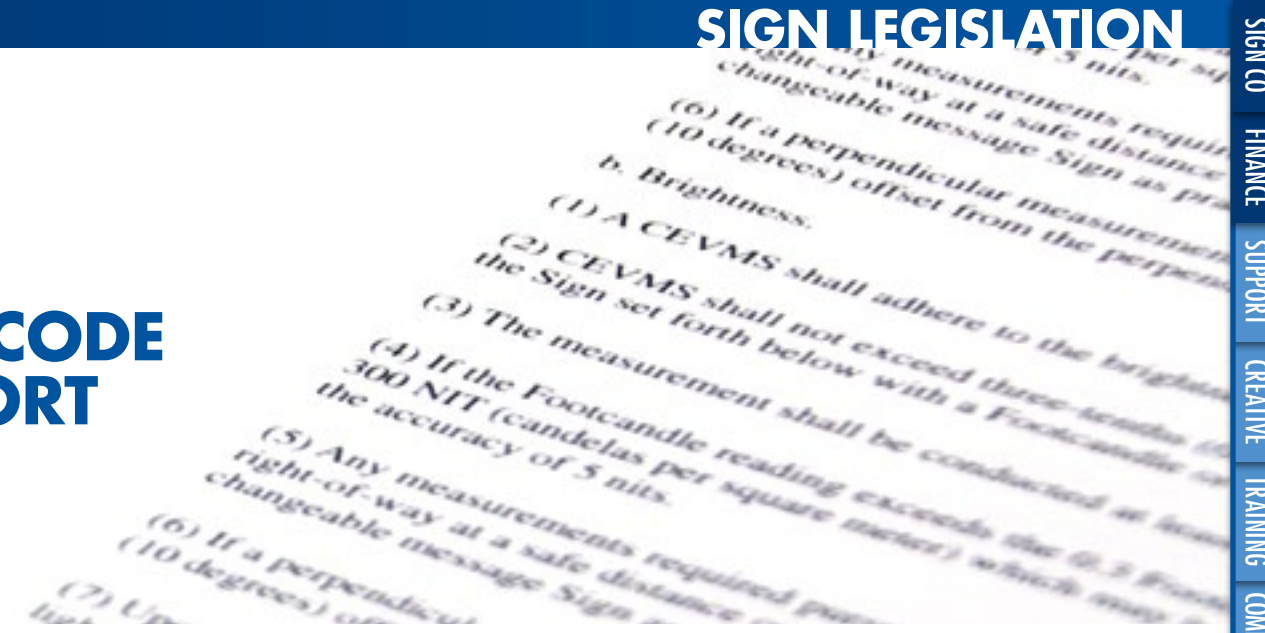
SIGN DEMONSTRATIONS AND PRESENTATIONS



ADVOCACY LITERATURE

“Daktronics sign legislation team has helped us work with area communities on several occasions. The Daktronics team has been the only EMC manufacturer that has consistently performed in this area.”

Craig Breitsprecher
LaCrosse Sign Company
Onalaska, Wisconsin



For more information about the topics below, visit daktronics.com/signregulations or contact our sign legislation team at signagelegislation@daktronics.com.

IMPORTANT SIGN CODE TOPICS

TRAFFIC SAFETY

According to 30 years of third-party research, no connection exists between outdoor LED signs and traffic accidents.

View seven studies on our website at Daktronics.com/SignRegulations > traffic safety.

BRIGHTNESS ISSUES

Too-bright signs cause complaints, so it's important to use signs that automatically adjust to ambient light conditions.

CONTENT & MOVEMENT REGULATIONS

We recommend regulating flashing and frame effects and using display software to program signs to comply with local regulations. For more information, visit Daktronics.com/SignRegulations



BUILDING LIFELONG RELATIONSHIPS

No other LED display manufacturer has a better warranty and the financial stability to stand behind it.



We provide more resources, more channels to request service and more ways for customers to find the information they need.

MYSUPPORT

To create an account or access your account, visit Daktronics.com/MySupport

- › View open cases or create a new case
- › Check order and shipping status
- › View expected arrival time of your technician
- › Customize your service notifications to receive text or email updates

ONLINE SUPPORT

If you have any product questions, go to Daktronics.com/Support

- › Find resources to troubleshoot and resolve issues
- › Locate guides on maintenance and preventive care
- › Access all product manuals and how-to videos

LOCAL NETWORK OF SALES & SERVICE SUPPORT

Daktronics has a technician located nearby if you ever need help:

- › Network of 129 sales and more than 85 field service professionals
- › More than 300 technicians from approximately 100 service partners

TECHNICAL PHONE SUPPORT

- › Toll-free 800-325-8766, 7 a.m.–7 p.m. CST Mon.–Fri.
- › Experienced technical professionals have the knowledge and resources to solve your problems quickly

SERVICE AGREEMENTS

- › Eliminate unexpected service event payments with fixed costs
- › Simplify paperwork by avoiding purchase order and invoice hassles
- › Determine a payment schedule that meets your budget

TECHNICAL TRAINING OPTIONS

- › Corporate and regional service trainings
- › Installation and service videos
- › Learn more at Daktronics.com/SCTT

“A quick conversation with Daktronics support and reviewing articles within the Knowledge Base site helped us... kudos to Daktronics and support for quickly identifying our problem so that we could continue to manage our campaigns.”

Darell Clark
Marketing Manager
Spirit of Alaska Federal
Credit Union
Fairbanks, Alaska

PROVIDING AN EFFORTLESS EXPERIENCE

We want to work with you to create happy, loyal customers. When it comes to service responsibility, you decide who will handle it—your company or Daktronics. There are advantages with each option.



DAKTRONICS PROVIDES SERVICE TO YOUR CUSTOMERS

Packaging a Daktronics service agreement with the display sale boosts revenue and maximizes your customer's confidence. Choose us to provide service and enjoy freedom from financial risks, headaches and infrastructure costs.

PRODUCT SUPPORT COMMITMENT

Daktronics provides the strongest product support assurance in the industry.

Our parts support plan ensures that parts replacement or repair will be available after the date of last production of the product for a set timeframe, which may vary by product. Limited technical and onsite support continues to be available for customers working towards product replacement after the end of parts support.



YOU PROVIDE SERVICE TO YOUR CUSTOMERS

If your customers call Daktronics for service, we re-direct them back to you. Providing service for them is an ongoing revenue stream, and it will help build loyalty to your company, as well.

OR

USE CONTENT TO BUILD CUSTOMER LOYALTY

TALK ABOUT CONTENT TO YOUR CUSTOMERS



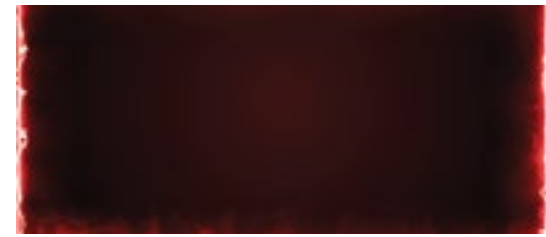
FREE CONTENT WITH EACH GALAXY® DISPLAY

A free media kit comes with every Galaxy display. With effective content, your customers can build a successful ad campaign. That's why we employ in-house professional digital artists to create the media kit pieces. Customers can work with the media kit as soon as their Venus Control Suite account is created.



CONTENT PACKAGES AVAILABLE ONLINE

Notify your customers about these exciting, free content packages, downloadable from the e-commerce site: Daktronics.com/Content



More than 30 FREE content packages available for download, including:

12 BACKGROUND CONTENT PACKAGES

These eye-catching backgrounds keep your customers' content fresh. Users choose the background they want to use and simply add text.

BUILD A BETTER MESSAGE

Our Media Kit Building Block packages empower anyone to create professional-looking messages. Just layer your choice of graphic elements with any of our still or animated backgrounds; add text. More than 50,000 combinations enable unlimited ad campaign possibilities.



CUSTOM CONTENT

Is your customer interested in custom stills or animations? They can order online or work with our digital artists to create one-of-a-kind content for their business. Order custom content at Daktronics.com/CustomCreative

No other LED display manufacturer offers a content selection based on real solutions and usability like Daktronics. Put our award-winning experience and skill to work for you.

CONTENT CREATION: GOING FROM PRINT TO DIGITAL

Unlike traditional print advertising, digital advertising communicates messages in a series of rotations. Help your customers turn their print advertising into an LED campaign like our example below.

START WITH PRINT

To turn print advertisements into digital, break the message into separate ads. Ads with smaller amounts of information are easier to see and comprehend on LED displays. Boost message recall by adding an image to the text. Passersby remember messages with a graphic longer than messages that feature only text.

EASY-TO-READ MESSAGES

Create eye-catching digital content like the set below from breaking a print advertisement down. Each message has its own ad in the rotation.

For additional best practices guides, visit Daktronics.com/CommercialContent or contact your sales representative.

TRAINING INCREASES CUSTOMER SATISFACTION



CUSTOMERS EXPECT RELIABLE PRODUCTS

VENUS TRAINING OPTIONS

Daktronics offers your customers Venus® Control Suite training that includes message creation, programming and scheduling. Customers choose the method that best fits their needs.



VENUS CONTROL SUITE ONBOARDING

This web-based training series gets you acquainted with your new display software, teaching you how to create and schedule effective, response-generating messages. Access the training modules directly in Venus Control Suite software and learn at your own pace. We'll guide you through the training series with email prompts to ensure you learn the tools that maximize the capability of your new digital advertising display.



ONE-ON-ONE WEBINAR

Join a personalized, real-time training with a professional trainer and your team via Internet and phone. You choose the best time and date. Upon completion, the recording will be available.



CONTACT A TRAINER

Receive help with your Daktronics software. If you have questions on how to use your software's features, you can request a callback from a software trainer at Daktronics.com/ContactTrainer.



VENUS CONTROL SUITE BLOG

Subscribe to the Venus Control Suite blog for the latest updates and tips to get the most from your display at Daktronics.com/VenusControlSuiteBlog.

ADDITIONAL SERVICES

If your customers prefer a hands-off approach, we have some services they may like.

CONTENT SCHEDULING

Our team can manage your customer's account for you, giving them a hands-off experience. They provide the content and we'll do the rest.

TRANSITION SERVICES

Allow our experts to provide training and scheduling assistance for a brief period after the product is installed. This gives customers an easier way to manage their displays.

CONTENT MANAGEMENT

We can create up to 20 messages over a static or animated background with each schedule request. For details and pricing on content management packages, email ContentManagement@Daktronics.com

Daktronics designs our display systems from the display to the software, and we source the best circuit boards, plastics, motherboards and power supplies. That means you consistently get the best, most reliable products.

WE RELY ON MORE THAN FIELD DATA

Our state-of-the-art product reliability lab provides our engineers and vendors the needed information to design and build tough products.

We use a wide variety of systems and testing equipment, some similar to those used by the automobile and aerospace industries.



ENVIRONMENTAL SIMULATOR

Entire displays are stress-tested before product release.



SHAKER TABLE

Vibration exposes components to mechanical shocks in all three dimensions.



HALT CLIMATE CHAMBER

Blistering heat and frigid cold check displays' performance levels.



EMC CHAMBER

Radiated and conducted EMI/EMC measurements ensure regulatory compliance.



WATER INTRUSION

High-pressure water jets drench displays to ensure IP validation.



SALT FOG

Salt solution and heat reveal displays' ability to run in coastal air.

We invite you to tour our lab in person or virtually at Daktronics.com/Reliability

SAFE, EFFICIENT & COMPLIANT

Daktronics Galaxy GS6 and GT6x products carry the UL Green Leaf symbol indicating compliance with a variety of energy efficiency requirements. Products with Energy Efficiency Certification must be UL listed and meet California Title 24 standard energy consumption.

Electromagnetic Compliance (EMC) testing on our products certifies that our electromagnetic interference (EMI) stays under the limits approved by the FCC. We design and qualify our products to meet these standards:

- ▶ Safety: UL/cUL/ETL/CE
- ▶ Emissions: FCC/CE

We've always been committed to reaching new milestones in safety, efficiency and compliance. Through research, design and testing in our reliability lab, we continue to refine our products prior to completing the certification process. We do all of this in hopes that you also work to meet these compliances and can list your signage packages under the same certifications.





YOUR IMAGE MATTERS

Do you know where your LED display comes from? It makes a big difference. It may be tempting to save money upfront by purchasing from an LED broker that uses hundreds of components from suppliers who promise "lower prices." But in the long run, purchasing a subpar digital display can lead to additional costs, lower image quality and even lost revenue.

MAKE SURE THE FUTURE REMAINS BRIGHT

COMPONENTS MATTER

The truth is, just about any digital display looks good on day one. But what about five, six, seven years later – and beyond? When you purchase from a supplier that uses cheaper components, your display may end up with varying degrees of brightness, color and image quality, which reflects poorly on you. That's not acceptable. The display models shown below demonstrates this very well.



At Daktronics, we believe your display should look amazing for the life of the display, so we are committed to intelligent design practices. Our digital LED signs make every message stand out with high-contrast, true-to-life images, and we make sure you have access to replacement parts for your display's lifetime. The difference is obvious, as you can see.

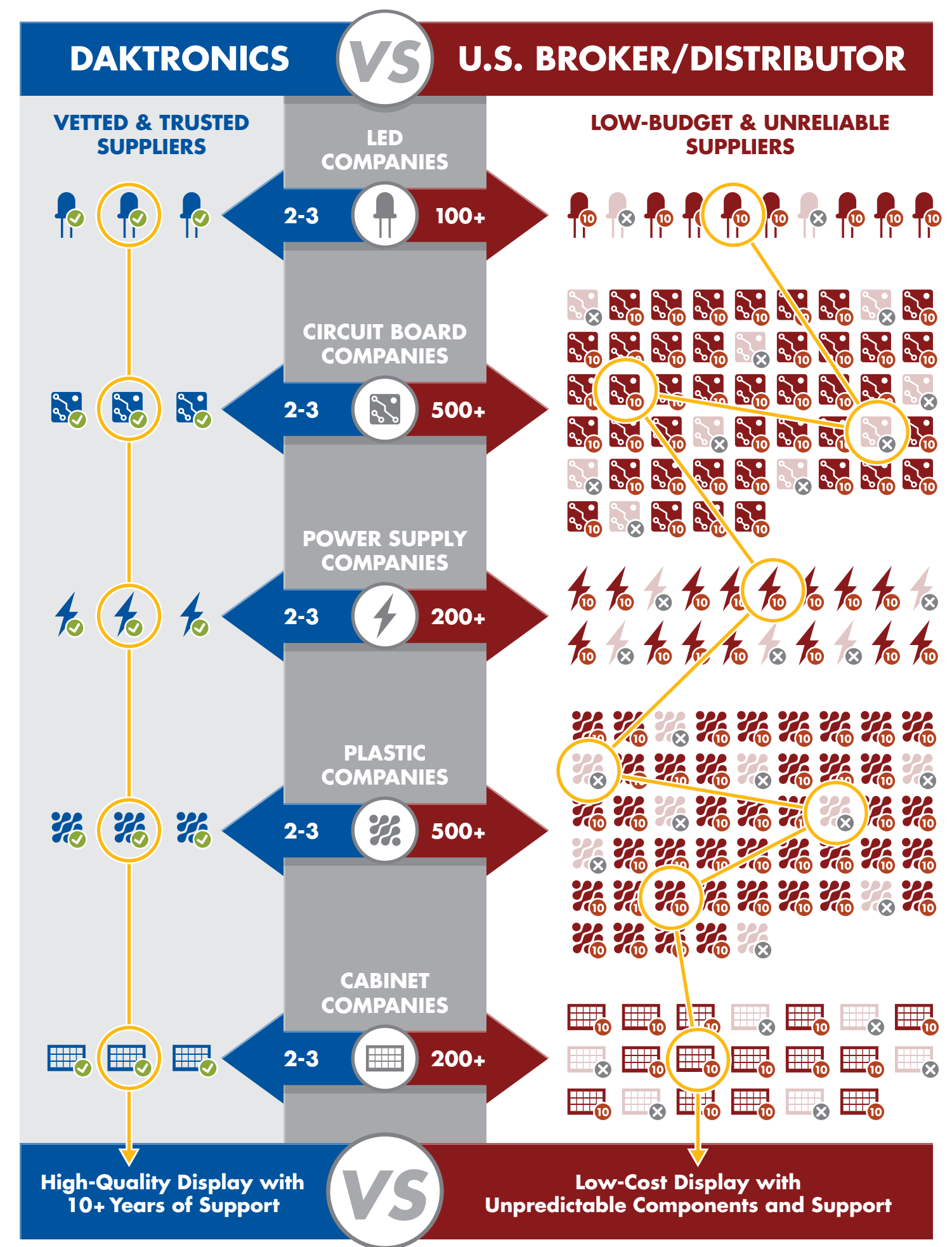
IMAGE QUALITY FOR LIFE

When it comes to advertising, your image matters. The quality of every LED component makes a difference. The above image is from our Reliability Lab during a 10-year, 2,000-cycle test. Every component is the same except the LEDs that we tested. This photo was taken about an eighth of the way through the test, and the degradation of many of those lower quality LEDs was already drastic.



SEE THE DAKTRONICS DIFFERENCE

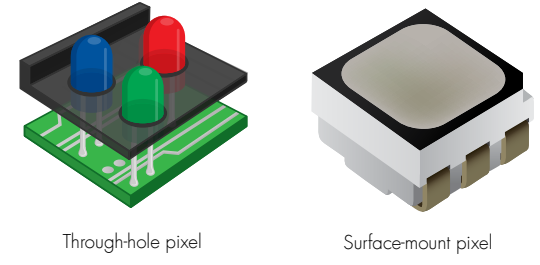
After five years of use, you can see the difference between the competitor's digital sign (left) and the Daktronics digital LED display. Our commitment to excellent production using quality components really makes a difference when it comes to lifetime image quality.



LED TECHNOLOGY 101

THE SCIENCE OF A DISPLAY'S VISUAL QUALITY

Learn more about our products at Daktronics.com/LearningCenter



WHAT IS A PIXEL?

“Pixel” is short for “picture element.” A pixel is the smallest element in the display system that is individually controlled – turned off and on at various time intervals. Pixels illuminate to form letters, words, graphics, animations and video images.

When designing displays, we evaluate the best LEDs for necessary brightness, while keeping production and power costs low.



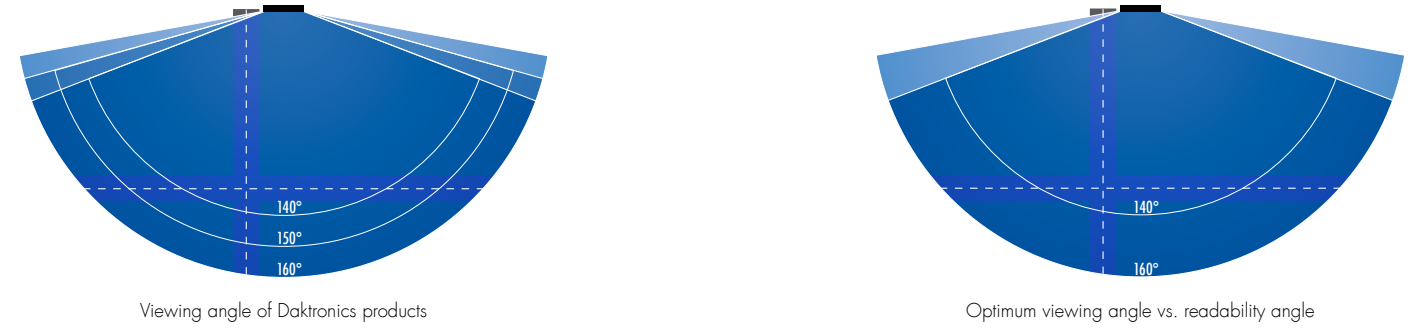
WHAT IS RESOLUTION?

“Resolution” is the number of pixels in a display. To increase resolution, your customer can go to a smaller pixel pitch in the same physical size display or increase the display’s physical size using the same pitch.

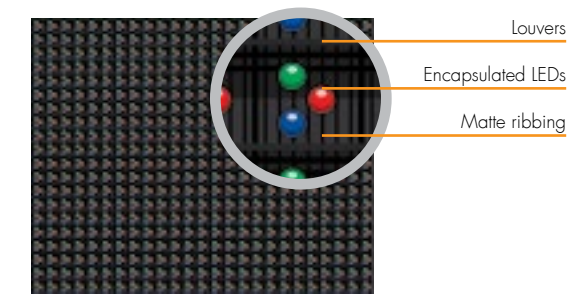
We can help you evaluate how pixel spacing affects picture quality. In the examples to the left, the display size and distance are the same, but the pixel spacings are different.

WHAT IS A VIEWING ANGLE?

“Viewing angle” refers to the display’s optimal viewing cone where the intended audience will be located. “Readability angle” or “viewing area” exceeds the optimum viewing angle, depending on the site and ambient light conditions (see graphics).



We integrate various features, procedures and processes, so you can offer your customers LED signs with premier image quality.



BRIGHTNESS & CONTRAST

LED displays with high contrast ratios show sharper, clearer, more effective images. “Contrast ratio” is the difference between an LED sign’s full-on white brightness and the sign turned off with only ambient light reflection.

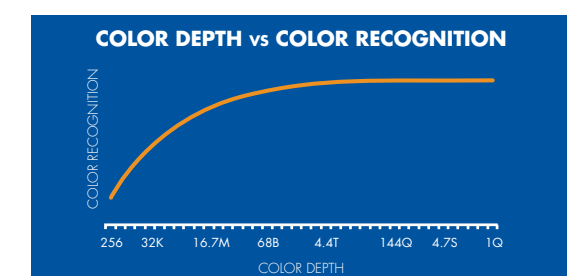
A high contrast ratio display shows crisper details and purer colors, especially in direct sunlight. We increase the darkness of the black state for a higher contrast ratio by using louvers with a black matte finish that encapsulate the LEDs. This reduces reflection and diffuses light to boost brightness levels while maintaining power efficiency.



MODULE CALIBRATION

Daktronics module calibration ensures your messages will look uniform throughout the display’s entire lifetime.

First, we work with LED suppliers to buy color-consistent LEDs that are tightly binned and lot controlled. During production, we calibrate each individual module to match all other modules. We also adjust each module for consistent uniformity for the display’s lifetime.



COLOR DEPTH

“Color depth” refers to the number of colors available to create an image. Generally, greater color depth results in higher-quality images. But a color depth of more than 16.7 million isn’t needed for high-quality images.* The graph, left, shows how increasing color depth improves color recognition at a lower color depth, but at a higher depth, the color recognition improvement is negligible.

*Amit Dhir, The Digital Consumer Technology Handbook (New York: Xilinx, Inc., 2004), p. 171.

TEXT VIEWING RANGES (APPROXIMATE)

CHARACTER SIZE		MAX. VIEWING DISTANCE		CHARACTER SIZE		MAX. VIEWING DISTANCE	
in	mm	ft	m	in	mm	ft	m
3	76	150	46	18	457	900	274
6	152	300	91	24	610	1,200	366
9	229	450	137	36	914	1,800	549
13	330	650	198	48	1,219	2,400	732

This table shows the correct character size based on viewing distance.

MINIMUM VIEWING DISTANCES

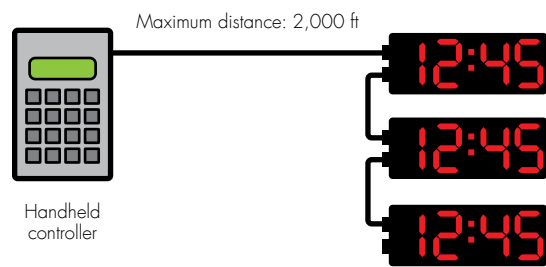
LINE SPACING	MIN. VIEWING DISTANCE
8.13 mm	18'
10.16 mm	21'
15.85 mm	37'
19.8 mm	45'

This table shows the distance at which the light from individual pixels blends together into a complete image.



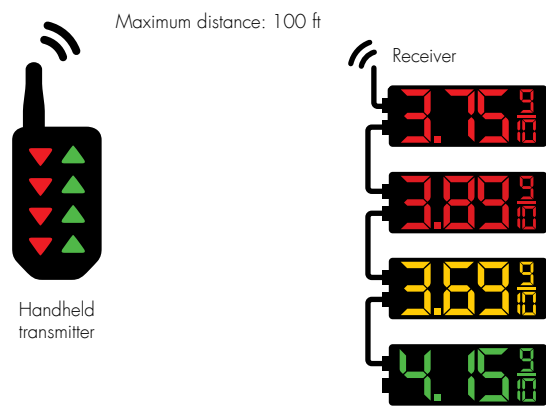
DATATIME® & FUELIGHT™

There are several communication methods available for Daktronics digit displays. DataTime® control kit runs DataTime Time and Temperature displays and Fuelink™ control kits control Fuelight™ petroleum price displays. The site requirements determine which option is best suited for the application.



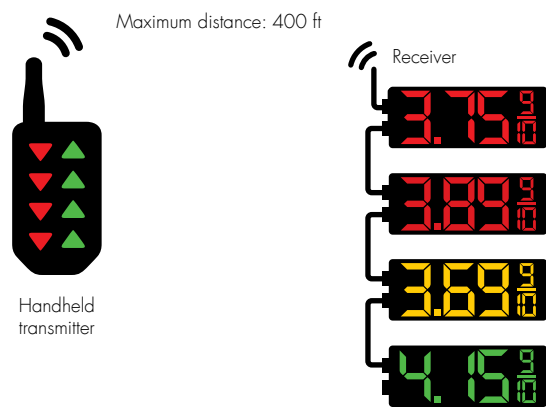
DATATIME DIRECT WIRE CONTROL KIT

- › Two options are available: indoor or outdoor direct wire
- › Components included with indoor or outdoor control kits: handheld controller, power pack, indoor or outdoor junction box with quick connect
- › Indoor kit does not include the signal wire from display to junction box (max 2,000 feet)



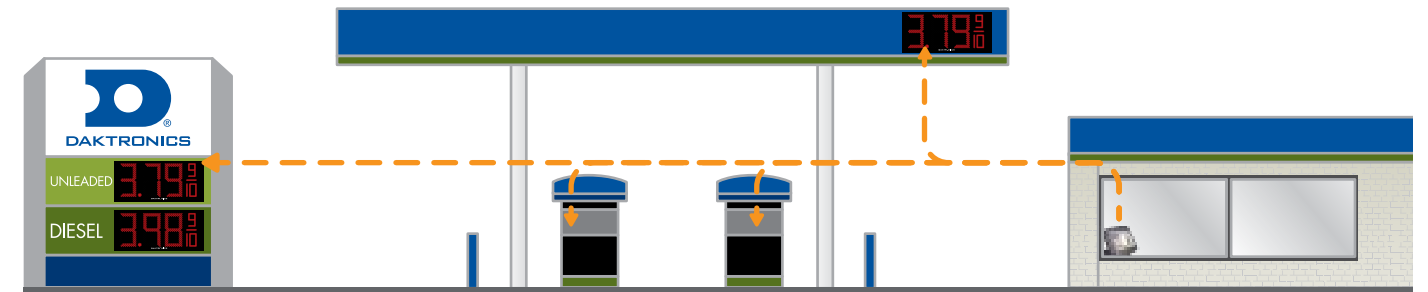
FUELINK RADIO 3-100 CONTROL KIT (FLR3-100)

- › Short range, 100-foot maximum, line of sight
- › 400 MHz frequency range with dipswitch security setting
- › Operates up to four individual product prices (Ex: Regular, Unleaded, E-85, Diesel)
- › Diagnostics, addressing and configuration features
- › Control kit with 8-button "key fob" transmitter and receiver radio
- › All signs on network hard wired to each other
- › Separate control kit required for each pylon



FUELINK RADIO 3-400 CONTROL KIT (FLR3-400)

- › Medium range, 400-foot maximum, line of sight
- › 400 MHz frequency range with dipswitch security setting
- › Operates up to four individual product prices
- › Diagnostics, addressing and configuration features
- › Control kit with 8-button "key fob" transmitter and receiver radio
- › All signs on network hard wired to each other
- › Separate control kit required for each pylon

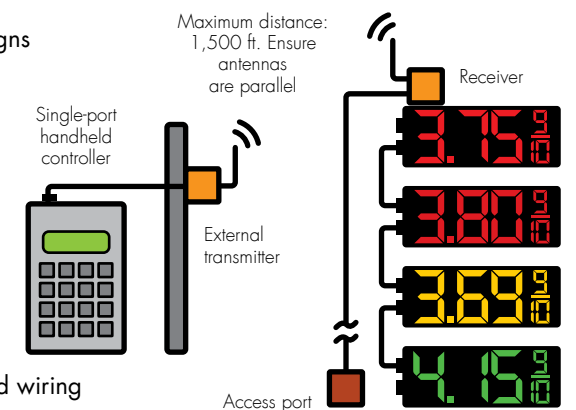


POINT-OF-SALE CONTROL KITS

- › Daktronics Fuelight and Cash/Credit displays interface with the leading Point-of-Sale (PoS) systems:
 - › Wayne
 - › VeriFone
 - › Radiant Systems
 - › Allied Electronics
 - › Gilbarco Veeder-Root
 - › Fiscal Systems
- › Central control of gas prices across a network of stores
- › Synchronized control of PoS with forecourt controller, pump and LED price signs

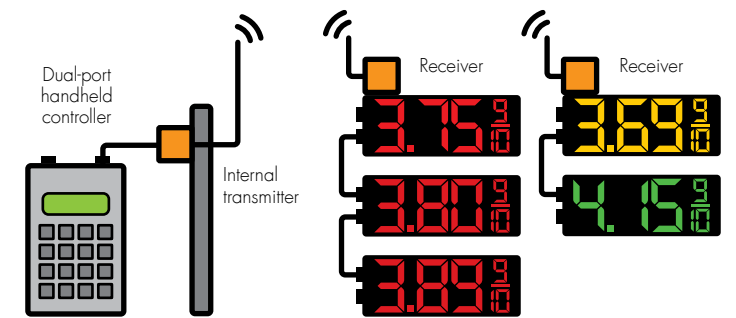
FUELINK RADIO 3-1500 CONTROL KIT (FLR3-1500)

- › Range up to 1,500 feet max; line of sight is required
- › Intended for single pylon installations
- › 2.4 GHz frequency range with pass code and frequency hopping security
- › Operates up to five individual fuel prices
- › Diagnostics, addressing, and configuration features
- › Control kit includes transmitter, single-port controller, receiver, access port and wiring



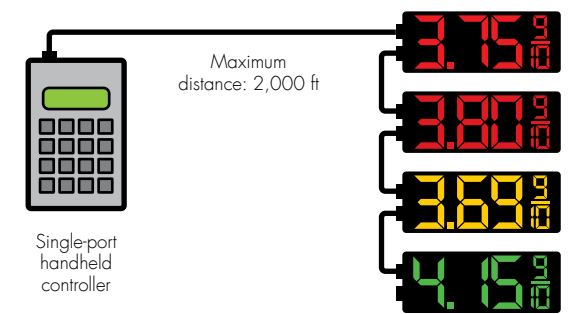
FUELINK RADIO CONTROL (FLXR3)

- › Long range; line of sight not required
- › Intended for multiple pylon installations, located on premise
- › 900 MHz frequency range with frequency hopping spread spectrum security
- › Operate up to five individual fuel prices
- › Allows 4 receivers max per radio transmitter
- › Parts ordered as needed: transmitter with dual-port controller, 1-4 receivers, access port, PoS integration kit



FUELINK DIRECT 3-2000 CONTROL KIT (FLD3-2000)

- › Components included for indoor or outdoor setup include: handheld controller, power pack, indoor and outdoor junction box with quick connect
- › Kit does not include the signal cable from display to junction box (max 2,000 feet). Signal cable must be 18-22 AWG, 2-twisted pairs, each individually shielded and outdoor rated.
- › Operates up to five individual product prices
- › Controls up to four separate pylons maximum
- › Diagnostic, addressing, and configuration features





Marconair Saint Leonard, Quebec
10-inch red digits
DF-1012

DATE TIME TIME & TEMPERATURE

Provide an essential service and become a landmark with a DataTime Time and Temperature display, available in red or amber.

FEATURE SET

- › Fully sealed water-tight digits
- › Front flange for drop-in mounting into existing signs
- › Nutserts in the back for rear mounting that enables the cabinet to stand alone



DF-1012 series in time mode



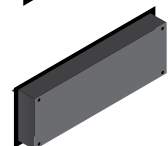
DF-1012 series in temp mode

DISPLAY CONFIGURATIONS

The 1012 Series is available in DI/SF configuration. Use as a single, one-sided display, or use two displays to show content on each side.



DI/SF Front
Available in all sizes



DI/SF Back
Nutserts on back allow for easy single-face rear mounting

SERIES TECHNICAL SPECIFICATIONS

Optimal Viewing Angle	140 degrees horizontal x 70 degrees vertical
Color Capability	Red or amber
Digit Design	7-segment digits with only the LEDs protruding
Contrast Enhancement	LEDs protrude through a punched black metal face
Service Access	Front access
Power	120 VAC single phase
Display Dimming	16 levels (automatic or manual control)
Communication Options	DataTime Direct Wire Control Kit
Operating Temperature	-40°F to 120°F with 99% RH non-condensing
Compliance Information	UL Listed
Warranty Coverage	1 Year
Product Support	Parts support for a minimum of 7 years after end of production, see page 7 for details

DF-1012 DI/SF MODEL SPECIFICATIONS

Character Height	Single-face Cabinet Feet and Inches (H x W x D)	Single-face Cabinet Meters (H x W x D)	Single-face Weight Pounds (kg)	Max. Watts per face Red/Amber
10"	1'3" x 3'0" x 6"	0.39 x 0.92 x 0.14	25 (12)	90/90
13"	1'6" x 4'0" x 6"	0.46 x 1.22 x 0.14	30 (14)	100/100
18"	2'0" x 5'0" x 6"	0.61 x 1.53 x 0.14	45 (21)	130/130
24"	2'6" x 6'6" x 6"	0.77 x 1.99 x 0.14	60 (28)	180/180

Specifications are approximate. Request a Daktronics shop drawing for precise specifications.

FUELIGHT PETROLEUM DISPLAYS

Daktronics designs its comprehensive line of Fuelight price displays specifically for the petroleum industry with high-contrast, full-height, broad-stroke digits that provide clear and highly legible fuel prices. The displays feature energy-efficient LED technology with outstanding visibility and impressive viewing angles.

FEATURE SET

- › Fully sealed 360 degree water-tight components
- › Programmable digit font—configure tails of the 6 and 9 numerals, and the 9/10 segment style (The 9/10 segment style is not available in the 36" and 48" Fuelight display options.)

SERIES TECHNICAL SPECIFICATIONS

Optimal Viewing Angle	140 degrees horizontal x 70 degrees vertical
Color Capability	Red, amber, green or white*
Digit Design	7-segment digits with only the LEDs protruding
Cabinet Configuration	Flange mounted single cabinet or internal rear mounted multi-sectional cabinet
Contrast Enhancement	LEDs protrude through a punched black metal face
Service Access	Front access
Power	120 VAC single phase
Display Dimming	16 levels (automatic or manual control)
Communication Options	Wired, Wireless radio, Point-of-Sale interface, Wireless handheld key fob
Operating Temperature	-40°F to 120°F with 99% RH non-condensing
Compliance Information	UL Recognized, cUL Recognized
Warranty Coverage	2 Years
Product Support	Parts support for a minimum of 7 years after end of production, see page 7 for details

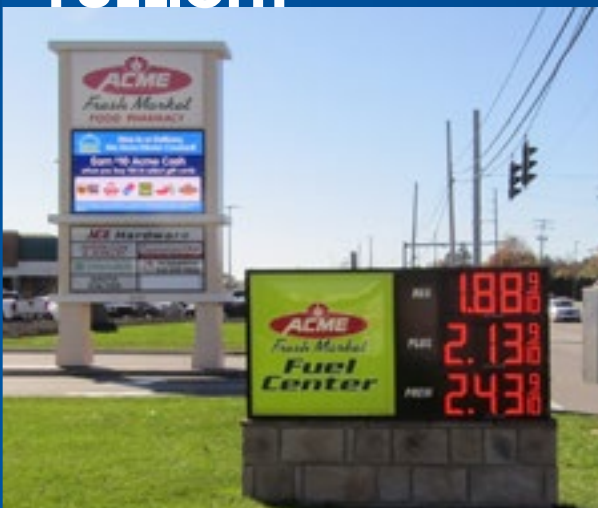
*White digits are available in FL-3000 series only. The lifespan of white LEDs, defined by their ability to maintain brightness, is shorter than that of red, green and amber LEDs.



Fastmart Little Rock, Arkansas
3000 series, 24-inch red/green digits
GS6 series, 80 lines x 150 columns 15.85mm RGB

Jake's Corner Winfred, South Dakota
3000 series, 18-inch red/green digits
eCCB series, 32 lines x 100 columns 19.8mm red

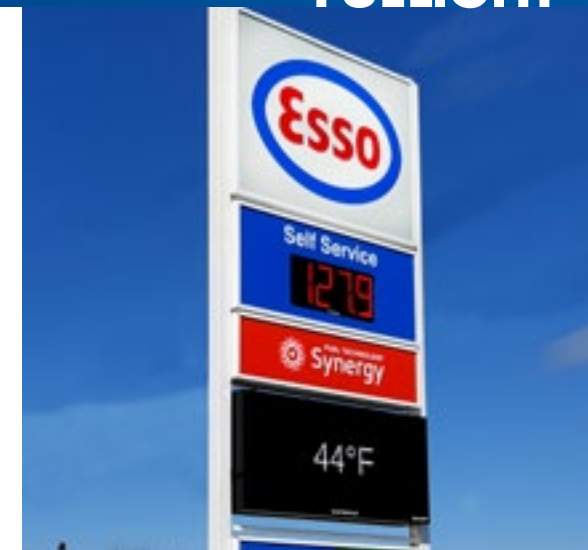




Acme Fuel Center Akron, Ohio
3000 series, 12-inch red
GS6 series, 140 lines x 225 columns 15.85 mm RGB

FL-3000

FL-4500



Esso St. Peter's, Nova Scotia
4500 series, 16-inch red
GS6 series, 60 lines x 150 columns 15.85 mm RGB

FL-3000 DROP-IN MODEL SPECIFICATIONS

Model Number	Character Height	Drop-in Dimensions Ft-In (H x W)		Cut-out Dimensions Ft-In (H x W)		Drop-in Dimensions Meters (H x W)		Cut-out Dimensions Meters (H x W)		Drop-in Weight Pounds (kg)	Max.Watts Per Face
		A	B	C	D	A	B	C	D		
FL-3000-8-DI	8"	0'11"	2'3"	0'10"	2'2"	0.28	0.69	0.24	0.65	10 (5)	30
FL-3000-12-DI	12"	1'4"	2'11"	1'2"	2'9"	0.41	0.88	0.34	0.82	20 (9)	50
FL-3000-16-DI	16"	1'8"	3'8"	1'6"	3'6"	0.51	1.12	0.44	1.05	25 (11)	65
FL-3000-18-DI	18"	1'10"	4'1"	1'8"	3'11"	0.56	1.24	0.50	1.18	30 (14)	70
FL-3000-20-DI	20"	2'0"	4'8"	1'10"	4'4"	0.61	1.42	0.55	1.32	40 (18)	100
FL-3000-24-DI	24"	2'4"	5'3"	2'2"	5'1"	0.71	1.60	0.65	1.54	45 (20)	110
FL-3000-30-DI	30"	2'10"	5'8"	2'8"	5'6"	0.86	1.73	0.80	1.66	55 (25)	130
FL-3000-36-DI	36"	3'3"	6'11"	3'4"	7'0"	0.99	2.11	1.00	2.12	100 (45)	270
FL-3000-48-DI	48"	4'3"	9'4"	4'4"	9'5"	1.30	2.84	1.31	2.86	150 (68)	550

Single-section, Front flange mounted Multi-section, Inside rear mounted

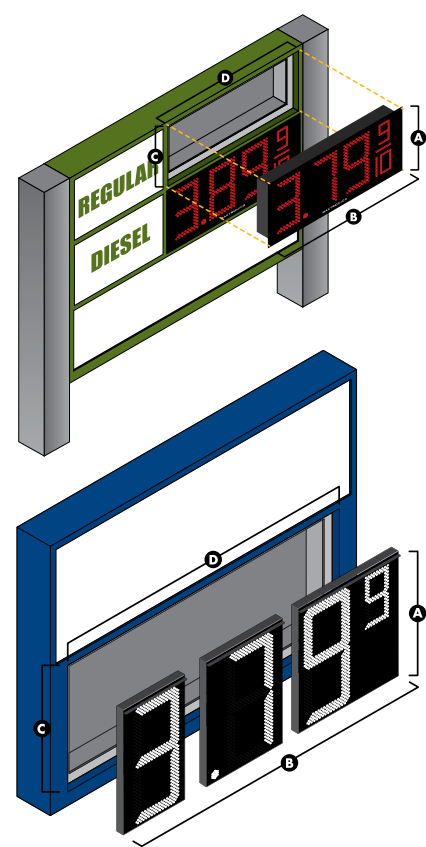
Several communication options are available. See the communications options on pages 16-17 or ask your sales representative for details. Cabinet depth is 3" (0.07 M). Specifications are approximate. Request a Daktronics shop drawing for precise specifications.

FL-4500 DROP-IN MODEL SPECIFICATIONS

Model Number	Character Height	Drop-in Dimensions Meters (H x W)		Cut-out Dimensions Meters (H x W)		Drop-in Dimensions Ft-In (H x W)		Cut-out Dimensions Ft-In (H x W)		Drop-in Weight Kilograms (lbs)	Max.Watts Per Face
		A	B	C	D	A	B	C	D		
FL-4500-8-DI	8"	0.28	0.71	0.24	0.67	0'11"	2'4"	0'10"	2'3"	5 (10)	30
FL-4500-12-DI	12"	0.41	0.91	0.34	0.85	1'4"	3'0"	1'2"	2'10"	9 (20)	50
FL-4500-16-DI	16"	0.51	1.14	0.44	1.08	1'8"	3'9"	1'6"	3'7"	11 (25)	65
FL-4500-18-DI	18"	0.56	1.32	0.50	1.26	1'10"	4'4"	1'8"	4'2"	14 (30)	70
FL-4500-24-DI	24"	0.71	1.60	0.65	1.54	2'4"	5'3"	2'2"	5'1"	20 (45)	110
FL-4500-30-DI	30"	0.86	1.91	0.80	1.84	2'10"	6'3"	2'8"	6'1"	25 (55)	130
FL-4500-36-DI	36"	0.99	2.31	1.00	2.32	3'3"	7'7"	3'4"	7'8"	45 (100)	270
FL-4500-48-DI	48"	1.30	3.20	1.31	3.21	4'3"	10'6"	4'4"	10'7"	77 (170)	550

Single-section, Front flange mounted Multi-section, Inside rear mounted

Several communication options are available. See the communications options on pages 16-17 or ask your sales representative for details. Cabinet depth is 0.07 M (3"). Specifications are approximate. Request a Daktronics shop drawing for precise specifications.

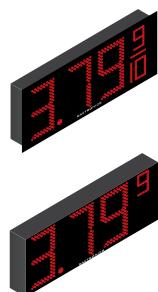


The 8"-30" drop-in with flange models drop into the cutout in the sign. The flange secures the drop-in display to the sign with mounting hardware.

The 36"-48" drop-in without flange models drop into the built-in structure. Sections bolt together and attach to the sign structure through the inside rear of the display.

DISPLAY CONFIGURATIONS

Drop-in style cabinet is designed to insert into a cutout or opening in a sign structure for easy installation.



DI with Flange
Available in 8"-30"

DI without Flange
Available in 36"-48"

MODEL NUMBER GUIDE

FL - 3000 - 16 - R - DI
Series Number Character Height LED Color Drop-in

DISPLAY CONFIGURATIONS

Drop-in style cabinet is designed to insert into a cutout or opening in a sign structure for easy installation.



DI with Flange
Available in 8"-30"

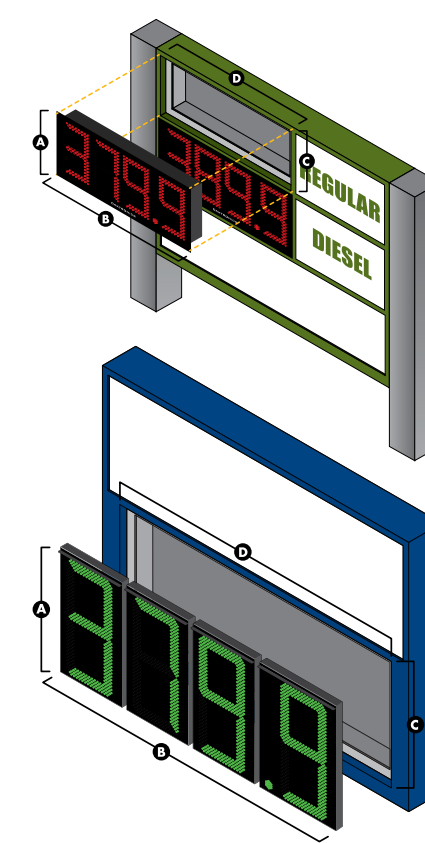
DI without Flange
Available in 36"-48"

MODEL NUMBER GUIDE

FL - 4500 - 16 - R - DI
Series Number Character Height LED Color Drop-in

The 8"-30" drop-in with flange models drop into the cutout in the sign. The flange secures the drop-in display to the sign with mounting hardware.

The 36"-48" drop-in without flange models drop into the built-in structure. Sections bolt together and attach to the sign structure through the inside rear of the display.





FLW-3000 5-inch red digits

FLW-3000

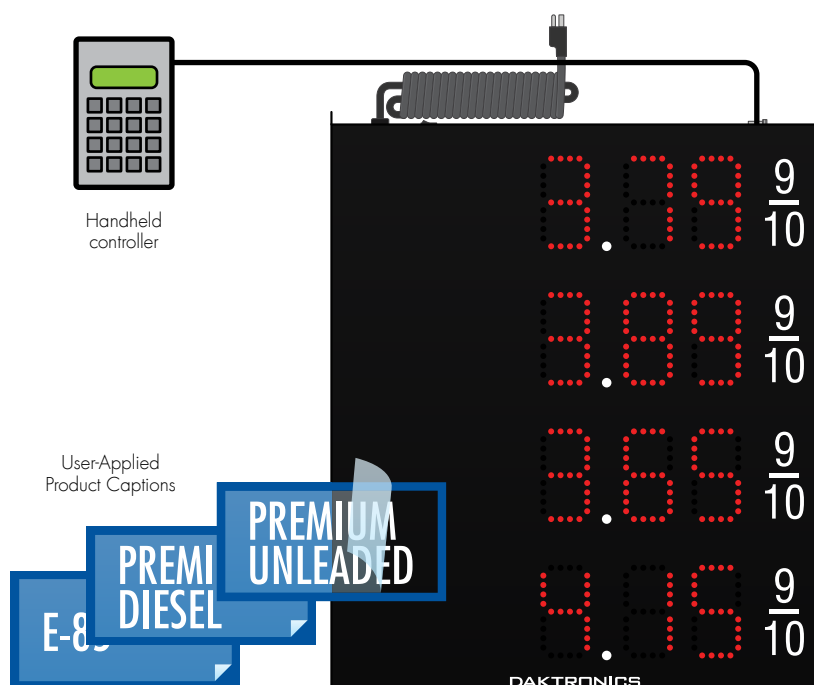
Convenience stores now have the ability to easily promote fuel in their window using the FLW-3000 LED digit display. Designed for a street-facing window, the product shows up to four fuel grades and prices.

FEATURE SET

- › Shows up to four fuel prices
- › Uses 5-inch, red LED digits
- › Operates as a single, stand-alone display or integrates into POS system
- › Plug and play power with no signal or wiring
- › Fuel grade caption area allows for printed lettering for easy set up or changes

TECHNICAL SPECIFICATIONS

Color Capability	Red
Digit Design	5" digits protrude through punched black metal face
Power	120V power cord
Cabinet Dimensions	29" H x 25" W x 3" D
Weight	20 lbs (9 kg)
Mounting	Hangs from window frame using chain connected to attachment points
Captions	User provides and applies captions to cabinet. Recommend adhesive vinyl.



MODEL NUMBER GUIDE

FLW	-	3000	-	5	-	R	-	4	-	SF
Fuelight Window		Series Number		Character Height		LED Color		Number of Lines		Single Face

CASH/CREDIT

Daktronics Cash/Credit LED display is capable of showing multiple states of fuel prices that depend on the payment method, such as "CASH," "CREDIT," or "DEBIT." These highly visible displays install easily with simple control. They pair with FL-3000 and FL-4500 petroleum displays.

FEATURE SET

- › Fully sealed 360 degree water-tight components
- › Compatible with any size FL-3000 and FL-4500 petroleum display
- › Customized states are available upon request
- › Works with standard Fuelight control options and is compatible with PoS interfaces

SERIES TECHNICAL SPECIFICATIONS

Optimal Viewing Angle	140 degrees horizontal x 70 degrees vertical
Color Capability	Red, green, amber or white*
Contrast Enhancement	LEDs protrude through a punched black metal face
Service Access	Front access only
Power	120 VAC single phase
Display Dimming	16 levels (automatic or manual control)
Message Capability	Factory programmed states with non-changeable content, custom content available upon request
Communication Options	Wired, Wireless radio, Wireless handheld key fob
Operating Temperature	-40°F to 120°F with 99% RH non-condensing
Compliance Information	UL Recognized, cUL Recognized
Warranty Coverage	2 Years
Product Support	Parts support for a minimum of 7 years after end of production, see page 7 for details

*The lifespan of white LEDs, defined by their ability to maintain brightness, is shorter than that of red, green and amber LEDs.

CC1 DROP-IN MODEL SPECIFICATIONS

Model Number	Character Height	Drop-in Dimensions Ft-In (H x W)		Cut-out Dimensions Ft-In (H x W)		Drop-in Dimensions Meters (H x W)		Cut-out Dimensions Meters (H x W)		Drop-in Weight Pounds (kg)	Max.Watts Per Face
		A	B	C	D	A	B	C	D		
CC1-1H1W-DI	5"	0'8"	1'7"	0'7"	1'6"	0.20	0.47	0.16	0.44	10 (5)	20
CC1-2H2W-DI	5"-10"	1'1"	2'11"	1'0"	2'10"	0.32	0.88	0.29	0.85	20 (10)	65

Cabinet depth is 3" (0.07 M). Specifications are approximate. Request a Daktronics shop drawing for precise specifications.

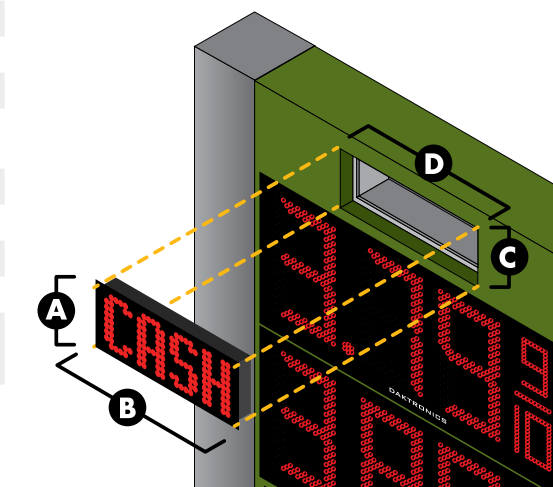


Coborn's Superstore Glencoe, Minnesota
3000 series, 24-inch red digits, 18-inch amber/green digits
CC1-2H-2W green



CC1-1H1W-R-DI (cash, credit, debit) CC1-2H2W-R-DI (cash, credit, debit)

The cash/credit displays drop into the cutout in the sign. The flange secures the drop-in display to the sign with mounting hardware.

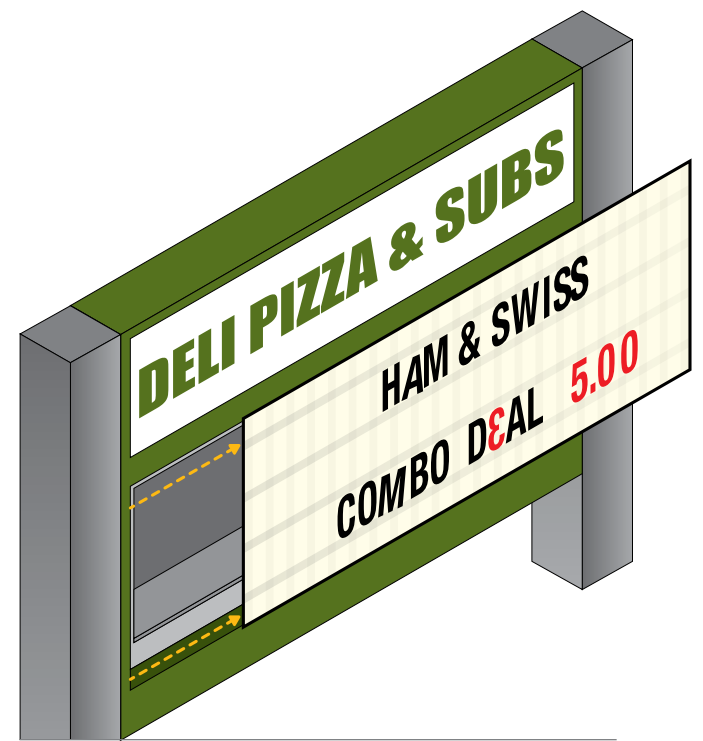




Evangelical Lutheran Church Watertown, South Dakota
48 lines x 100 columns 19.8 mm red
eCCB series

GALAXY[®]
ECCB

GALAXY
ECCB








The eCCB installs into a copyboard cabinet and runs on the power already in use for backlighting.

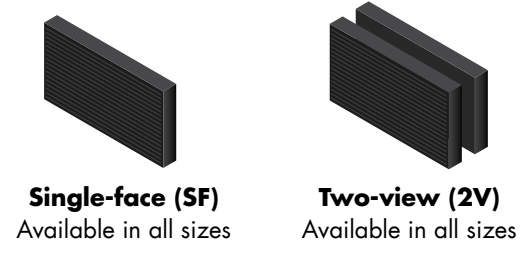


Traditional changeable copy boards can be difficult to update, especially in bad weather, so messages often aren't as current as they should be. This restricts content to messages that are typically more generic.

Facilities with existing changeable copy boards can now easily install a Galaxy eCCB display. The messages on the eCCB can be changed from inside the facility up to 400 feet away, no matter the weather conditions, day or night.

THIS AFFORDABLE DISPLAY OFFERS:

-  Quick and easy message creation from a mobile phone or tablet (most Wi-Fi ready devices)
-  Ability to post timely messages in any weather condition
-  Basic scheduling
-  Low cost of ownership
-  Simplified installation



CONTROL FROM A MOBILE DEVICE WITH WI-FI ACCESS



The Galaxy eCCB offers organizations a product that attracts more business than a manual changeable copy board. Users control the display from a Wi-Fi ready mobile device using a web browser.

FEATURE SET

- › Installs quickly into a copyboard cabinet
- › Simple control interface requires no set up or training
- › Use existing line power for backlit copyboard

DISPLAY CONFIGURATION

All sizes are available in single-face (SF) or two-view (2V) configurations.

SERIES TECHNICAL SPECIFICATIONS

Estimated LED Lifetime	100,000+ hours
Contrast Enhancement	Non-reflective black louvers and module face grooves disperse light
Graphic Capability	Fixed format text only; schedule up to 18 messages
Control Software	Web browser based interface
Control Device/Range	Popular smartphone and tablet devices; line of sight, 400-foot maximum
Cabinet Configuration	Front-ventilated single cabinet
Service Access	Front access
Power	120 VAC single phase
Display Dimming	64 levels (automatic or manual control)
Communication Options	Wi-Fi access point (no internet access)
Operating Temperature	-40°F to 120°F with 99% RH non-condensing
Compliance Information	UL and cUL Recognized, UL and cUL Classified, FCC compliant
Warranty Coverage	2 Years
Product Support	Parts support for a minimum of 7 years after end of production, see page 7 for details



Perdido Elementary School Perdido, Alabama
32 lines x 100 columns 19.8 mm red
eCCB series

MODEL NUMBER GUIDE

eCCB - A100 - 3FT x 8FT - 19.8 - R - SF						
Series	Generation	Height	Width	Line Spacing	LED Color	View
						Single Face or Two View

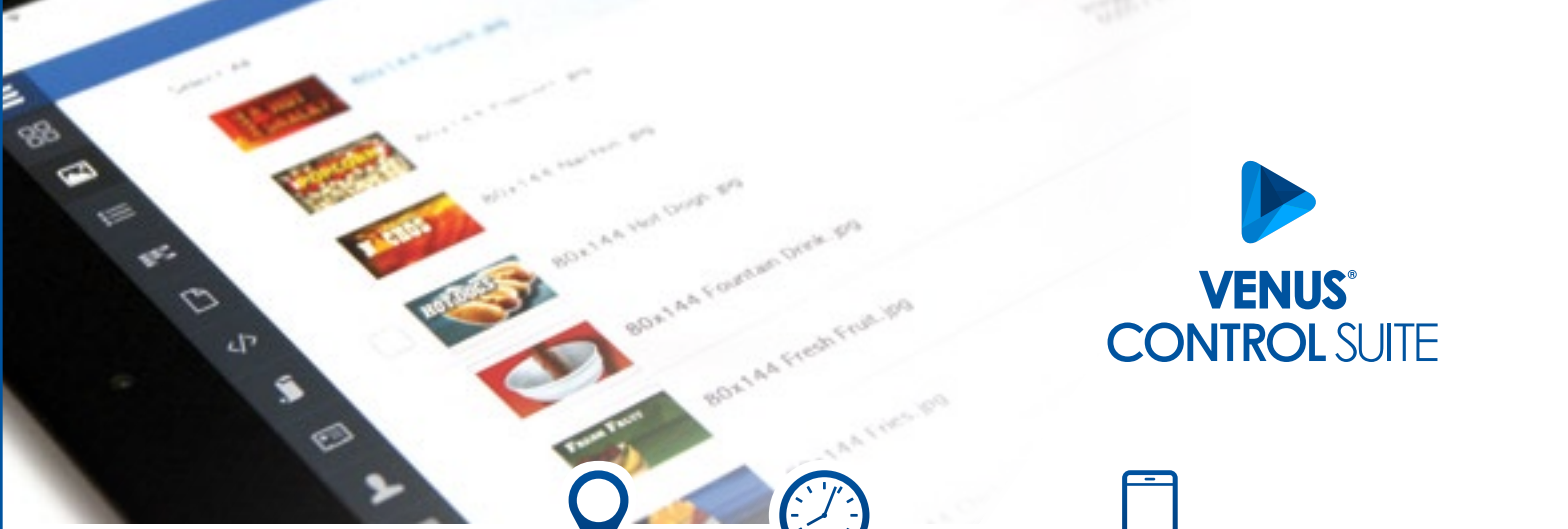
TECHNICAL SPECIFICATIONS

Lines of Text	1-4 lines of text depending on display size
Line Spacing	19.8 mm (0.78")
Pixel Configuration	1 red
Maximum Brightness	4,000 nits
Optimal Viewing Angle	140 degrees horizontal; 70 degrees vertical
Readability Angle	160 degrees horizontal; 90 degrees vertical

eCCB A100 MODEL SPECIFICATIONS

Sizes	Lines and Columns	Character Height	Number of Lines	Characters per Line
3' x 8'	32x100	10"-16.5"	1	6-8
			2	11-13
4' x 6'	48x80	11"-16.5"	1	4-6
			2	6-8
			3	8-10
4' x 8'	48x100	11"-16.5"	1	6-8
			2	8-10
			3	11-13
5' x 8'	64x100	12.5"-22"	1	4-6
			2	6-8
			3	8-10
5' x 10'	64x140	12.5"-22"	4	11-13
			1	7-8
			2	9-11
5' x 10'	64x140	12.5"-22"	3	12-14
			4	16-18

Specifications are approximate. Request a Daktronics shop drawing for precise specifications. For square footage, refer to the specifications in the back of the catalog.

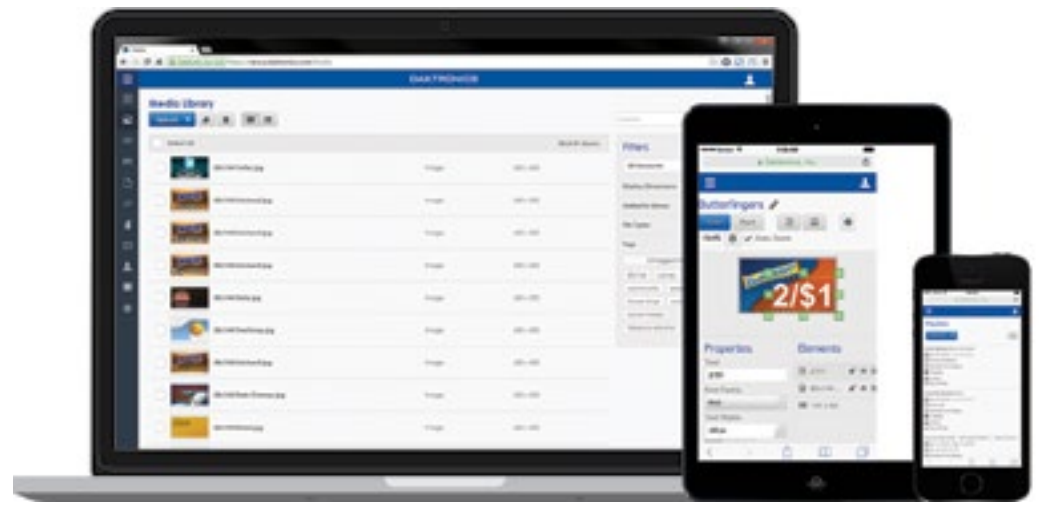


**VENUS®
CONTROL SUITE**



ACCESS ANYWHERE, ANYTIME, FROM ANY DEVICE

Venus Control Suite is browser based, so users can access the software from any device with an internet connection, including smartphones, tablets, laptops and desktops.



CREATE AND SCHEDULE CONTENT BEFORE DISPLAY INSTALLATION

As soon as we create your customer's account, they can access the software and start creating content. Using the free, professionally created content that comes with the display will speed up and enhance their ad campaigns.



FLEXIBLE EXPERIENCE FITS ANY OPERATOR

Venus Control Suite adjusts to meet the needs of any level of user. From basic to advanced, this system works for everyone.



SECURE SOLUTION, WE TAKE CARE OF IT

Daktronics hosts the Venus Control Suite on our secure servers, so we take care of computer software and operating system compatibility. We also ensure that your customer always has access to the latest version.



FEATURES & BENEFITS



DASHBOARD

- › Check status and content of all displays
- › Use tags to sort and filter displays



MEDIA LIBRARY

- › Generate content with built-in web editor, Daktronics Content Studio or third-party software
- › Drag and drop content directly to media library and filter with tags



DATA

- › Display time and temperature or external data feeds
- › Update content automatically as data feeds change
- › Integrate a countdown of days until an event
- › Share tweets about your events from Twitter feeds



SCHEDULING

- › Create simple to sophisticated scheduling with playlists
- › Day part your content to target specific audiences



REPORTS

- › Proof of play reports keep record of content use
- › Scheduled content report shows what's scheduled for any display



ACCOUNTS

- › Manage displays and media through multiple accounts
- › Personalize individual user rights to features
- › Account hierarchy for multi-location display management and control



ALERTS

- › Integrated IPAWS (Integrated Public Alert & Warning System) Alerts from FEMA

We invite you to use our Venus Control Suite page, complete with videos and supporting information, during your next sales call. Visit Daktronics.com/Venus.

IMPORTABLE FILE TYPES

Video file types	.avi, .mpg, .mp4, .mov
Image file types	.png, .bmp, .gif, .jpg, .tif, .tiff, .psd
Data feed types	Time, Temp, RSS*, Atom*, .XML*

*Only on data capable displays.

SUPPORTED MOBILE BROWSERS

- iOS Safari®
- Google® Chrome®

SUPPORTED DESKTOP BROWSERS

- Microsoft® Edge®
- Google® Chrome®
- Mozilla Firefox®
- macOS Safari®



GALAXY GS6 & GT6x COMMUNICATION

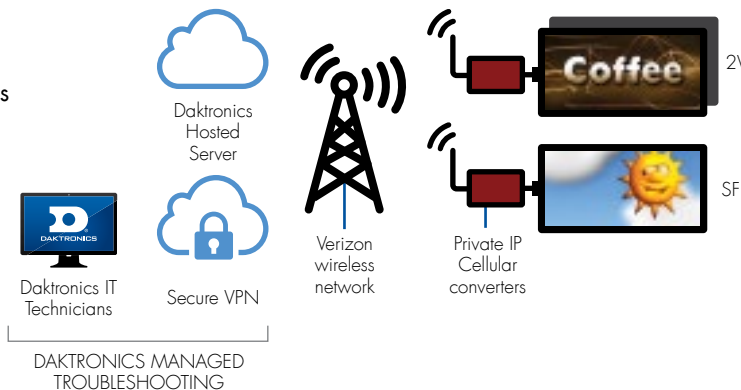
The Galaxy GS6 and GT6x displays require an internet connection to reach out to the cloud-based Venus Control Suite for content and schedule updates. Daktronics offers several Ethernet-based communication options for internet access.

PERFORMANCE TRAITS

	ETHERNET FIBER OPTIC	DAKTRONICS-VERIZON CELLULAR	CUSTOMER REMOTE CELLULAR	ETHERNET BRIDGE RADIO	ETHERNET WIRE
Max. distance from local network to display	1.2 miles	unlimited	unlimited	1,500 ft.	250 ft.
Reliability	best	good	good	good	good
Noise immunity	best	good	good	good	good
Data speed	best	better	better	good	best
Requires customer network with internet connection	yes	no	no	yes	yes
Immunity to firewall and network security concerns	no	yes	yes	no	no
Independent from company networks	no	yes	yes	no	no

DAKTRONICS-VERIZON LIFETIME DATA CELLULAR COMMUNICATION

- › Secure data transfer with private IP modem
- › Enjoy freedom from IT hassles or network security concerns
- › Transfer content quicker with 4G data speed
- › Lifetime 4G data means no monthly fees
- › Use when there is not a Local Area Network or internet connection available on site
- › Multiple data plans available
- › Simplified communication setup reduces installation effort and costs

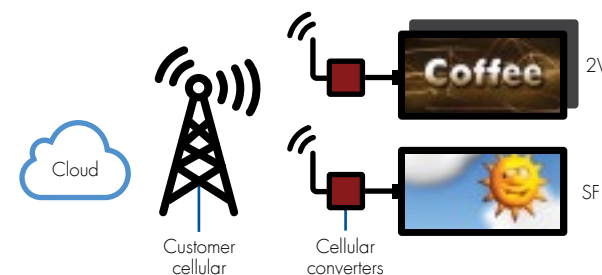


Note: Each display must be located in an adequate Verizon coverage area.

CUSTOMER-PROVIDED REMOTE CELLULAR

- › Avoid customer's network by having the display connect directly via customer's cellular service
- › Compatible with most 4G data providers
- › Use when there is not a Local Area Network or internet connection available on site

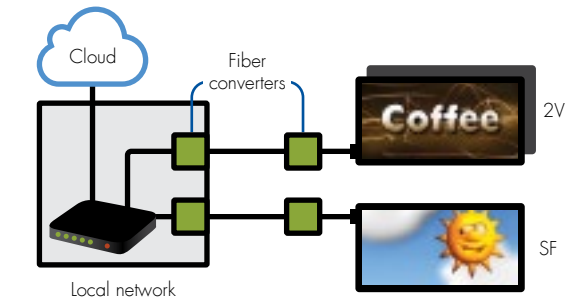
Note: Each display must be located in a reliable cellular signal area. This connection does require a cellular service.



ETHERNET FIBER OPTIC

Fiber Optic is the fastest and most reliable communication option offered. Electrically isolated fiber optics prevent damage due to electromagnetic interference from lightning or electrical storms.

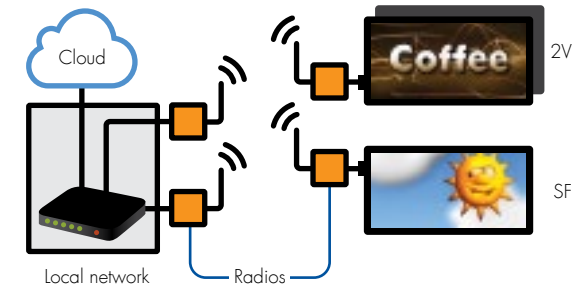
- › Provides a fiber optic connection to Local Area Network for internet access
- › Distance from the Ethernet network router to the display must be less than 6,547 feet (2,000 m)
- › This option requires fiber-optic signal converters and multi-mode fiber-optic cables



ETHERNET BRIDGE RADIO

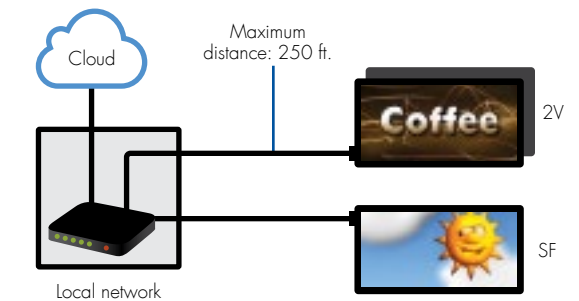
- › Provides a wireless connection to Local Area Network for internet access
- › Use this option when Ethernet Fiber cannot be pulled and the distance from the Ethernet network router to the display is less than 1,500 feet (450 m)
- › This option requires outdoor installation for direct line of sight between server radio at the building and client radio at the display
- › This option is not recommended where significant RF interference exists (RF interference could be caused by cellular towers, radio/TV stations, wireless headsets, etc.)

Note: Wireless communication devices may be affected by site-specific conditions. Daktronics does not guarantee that wireless communication is suitable for every location.



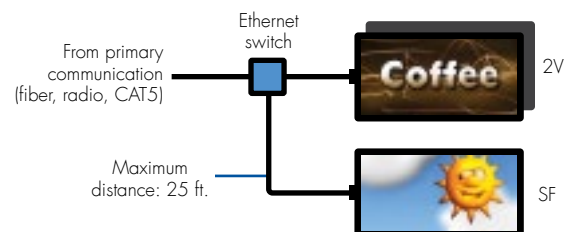
ETHERNET WIRE

- › Provides a wired connection to Local Area Network for internet access
- › Use when Ethernet Fiber cannot be pulled and the distance from the Ethernet network router to the display is less than 250 feet (76.2 m)



ETHERNET SWITCH

- › Provides a single connection type to multiple displays from Ethernet Bridge Radio, Ethernet Fiber or Ethernet Wire
- › Displays must be within 25 feet (7.62 m)
- › This requires each display to have different IP addresses

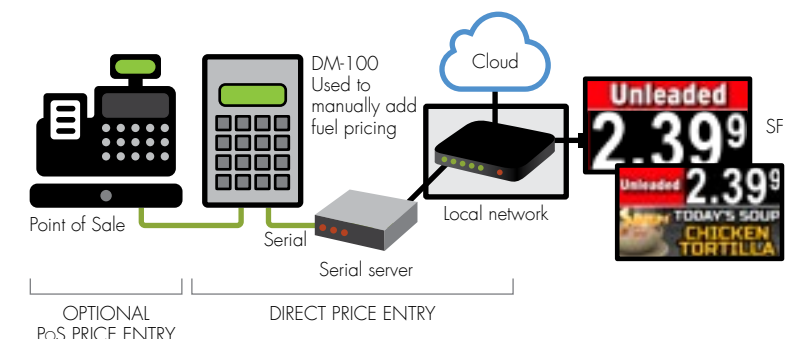


GALAXY FUEL PRICE DATA KIT

Share fuel prices and promotions on the same display at the same time with the Galaxy Fuel Price Data Kit.

- › Store up to five fuel grades in the DM-100 handheld
- › Change prices without accessing Venus Control Suite
- › Update prices without an internet connection
- › Use also with Ethernet Bridge Radio, Ethernet Fiber or Ethernet Wire to Local Area Network

Note: Not available with cellular.





Fort McDowell Casino Phoenix, Arizona
260 lines x 350 columns 15.85 mm RGB
GS6 series

GALAXY GS6

Introducing the full-feature, high-quality Galaxy GS6. This product provides users a display that runs outstanding graphics and animations using the best contrast in the industry. As for the control software, we've developed the most convenient user experience to date.

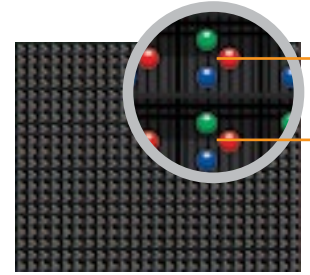
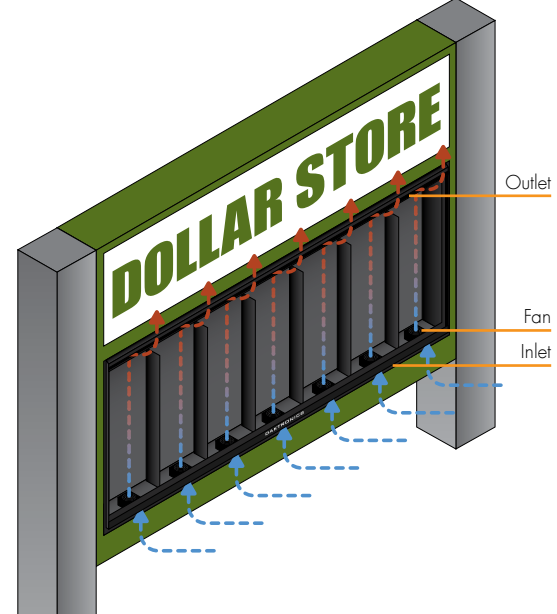
SIGNAL REDUNDANCY

Image data is sent to individual LED modules from multiple directions. If a signal path fails, the module continues to operate from the additional signal.



FRONT VENTILATION

The installer doesn't need to deal with special ventilation requirements. It's built in with displays up to 7 feet tall.



HIGHER RESOLUTION

A true 15.85 millimeter pixel spacing allows more pixels per module resulting in higher resolution.



ALL SEALED COMPONENTS

Modules, power supplies, controller, power term panel, fan, and all connections are fully sealed.



QUICK CONNECTIONS

Simple plug-and-play signal connection with an external junction box for easy power connection.



SINGLE-STEP MODULE REMOVAL

A single turn of the wrench removes the multi-point attached module.

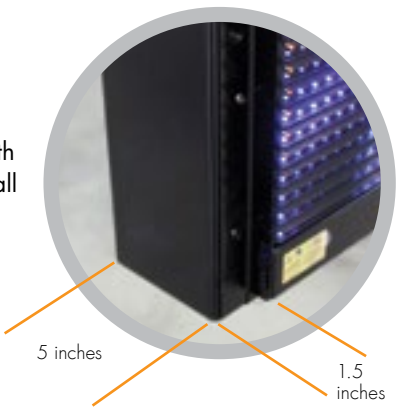


MOUNTING CLIPS

Slotted clip angles in multiple locations allows adjustability in mounting.

IMPROVED, CLEAN CABINET APPEARANCE

- › Narrow cabinet borders
- › Shallow five-inch cabinet depth on displays up to seven feet tall



FEATURE SET

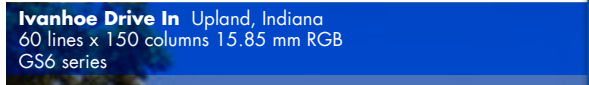
- › All sealed components
- › Quick connects
- › Mounting clips
- › High-contrast louvers
- › Redundant module signal
- › Large sections for fast installation
- › Front ventilation on displays less than seven feet tall
- › No spreader beam required for displays greater than seven feet tall
- › Same module size and cabinet size for all pixel pitches

SERIES TECHNICAL SPECIFICATIONS

Estimated LED Lifetime	100,000+ hours
Contrast Enhancement	Non-reflective black louvers and module face grooves disperse light
Message Capability	Text, graphics, logos, basic animation, video clips, data integration, multiple font styles and sizes
Control Software	Venus® Control Suite
Power	120, 120/240 VAC single phase
Display Dimming	64 levels (automatic, scheduled or manual control)
Communication Options	Ethernet Fiber Optic, Ethernet Bridge Radio, Remote Cellular, Ethernet Wire
Operating Temperature	-40°F to 120°F with 99% RH non-condensing
Compliance Information	UL and cUL Listed, UL-Energy Verified, FCC compliant
Warranty Coverage	5 Years
Product Support	Parts support for a minimum of 10 years after end of production, see page 7 for details



Oakdale Credit Union Tomah, Wisconsin
80 lines x 125 columns 15.85 mm RGB
GS6 series



Ivanhoe Drive In Upland, Indiana
60 lines x 150 columns 15.85 mm RGB
GS6 series



1st Community Credit Union Tomah, Wisconsin
100 lines x 225 columns 15.85 mm RGB
GS6 series

GS6 15.85 MM MONOCHROME & COLOR

After calculating the physical space you want to fill, use this chart to determine the corresponding display size. Additional sizes are available as a special order. For square footage, refer to the specifications in the back of the catalog.

DISPLAY CONFIGURATION

All sizes are available in single-face (SF) or two-view (2V) configurations.

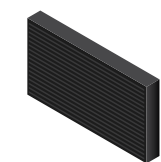
Single-section, Front-ventilated
5" deep formed cabinet
Monochrome spare parts optional
RGB spare parts optional
Installation Support optional

Single-section, Rear-ventilated
11" deep extruded cabinet
Monochrome sizes not available
RGB spare parts included
Installation Support optional

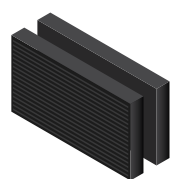
Multi-section, Rear-ventilated
11" deep extruded cabinet
Monochrome sizes not available
RGB spare parts included
Installation Support optional



Schilling Properties Bismarck, North Dakota
120 lines x 200 columns 15.85 mm RGB
GS6 series



Single-face (SF)
Available in all sizes



Two-view (2V)
Available in all sizes

DISPLAY HEIGHT	cabinet dimensions	active area dimensions	DISPLAY WIDTH																																		
			matrix																																		
			75	100	125	150	175	200	225	250	275	300	325	350	375	400	425	450	475	500	525	550	575	600	625	650	675	700	725	750	775	800	825				
1'7"	4'2"	3'11"	75	100	125	150	175	200	225	250	275	300	325	350	375	400	425	450	475	500	525	550	575	600	625	650	675	700	725	750	775	800	825				
2'7"	5'6"	5'3"																																			
3'8"	6'9"	6'6"																																			
4'8"	8'1"	7'10"																																			
5'9"	9'5"	9'2"																																			
6'9"	10'8"	10'5"																																			
7'10"	12'0"	11'9"																																			
8'10"	13'3"	13'0"																																			
9'11"	14'7"	14'4"																																			
10'11"	15'11"	15'8"																																			
12'0"	17'2"	16'11"																																			
13'0"	18'6"	18'3"																																			
14'1"	19'9"	19'6"																																			
15'1"	21'1"	20'10"																																			
16'2"	22'5"	22'2"																																			
17'2"	23'8"	23'5"																																			
18'3"	25'0"	24'9"																																			
19'3"	26'3"	26'0"																																			
	27'7"	27'4"																																			
	28'11"	28'8"																																			
	30'2"	29'11"																																			
	31'6"	31'3"																																			
	32'9"	32'6"																																			
	34'1"	33'10"																																			
	35'5"	35'2"																																			
	36'8"	36'5"																																			
	38'0"	37'9"																																			
	39'3"	39'0"																																			
	40'7"	40'4"																																			
	41'11"	41'8"																																			
	43'2"	42'11"																																			

SIZES AVAILABLE AS
RGB & MONOCHROME

SIZES AVAILABLE AS
SPECIAL ORDER

SIZES AVAILABLE AS RGB ONLY

SIZES AVAILABLE AS RGB ONLY

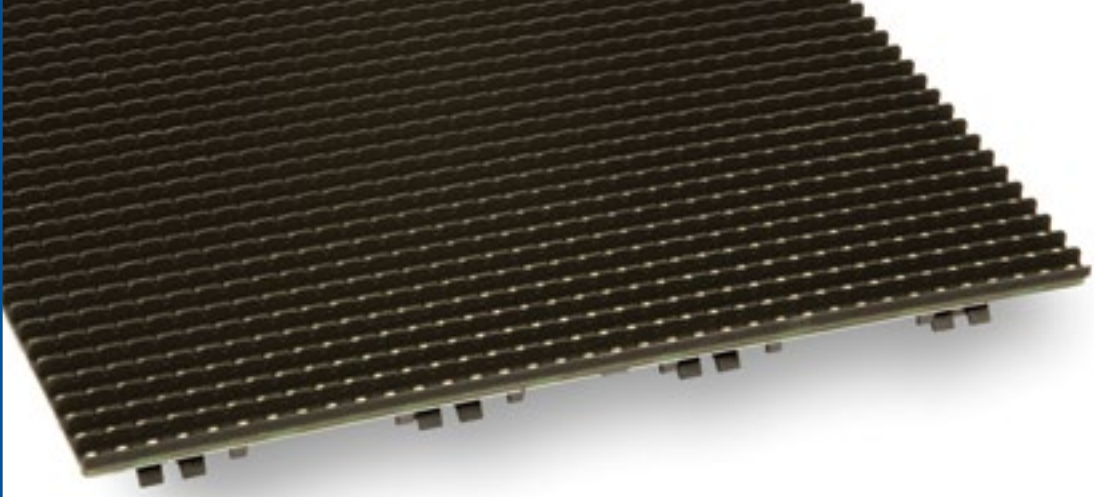
TECHNICAL SPECIFICATIONS

Character Height	4.4" (7 pixel font)
Line Spacing	15.85 mm (0.62")
Pixel Configuration	Monochrome: 1 red or 1 amber RGB: 1 red, 1 green, 1 blue
Maximum Brightness	Monochrome red: 4,500 nits Monochrome amber: 6,000 nits RGB: 12,000 nits
Monochrome Color Capability	4,096 shades of red or amber
Full Color Capability	281 trillion colors
Optimal Viewing Angle	140 degrees horizontal x 70 degrees vertical
Readability Angle	160 degrees horizontal x 90 degrees vertical
Min Viewing Distance	37'

MODEL NUMBER GUIDE

GS6 - 100 x 250 - 15.85 - RGB - SF

Series Lines High Columns Wide Line Spacing LED Color Red, Amber, or RGB Single Face or Two View



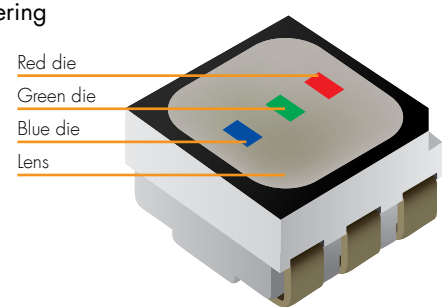
GALAXY GT6x

SURFACE MOUNT LEDS

SMD (surface mount device) refers to the LED lead frame mounting method. SMD LEDs are mounted to the surface of the circuit board, in contrast to through-hole LEDs, which are mounted with leads protruding through the circuit board.

BENEFITS OF SMD LEDS:

- › No color shift due to LED shouldering
- › Wider viewing angle
- › Higher degree of contrast compared to through-hole
- › Outstanding color blending at short viewing distances



Surface mount LED

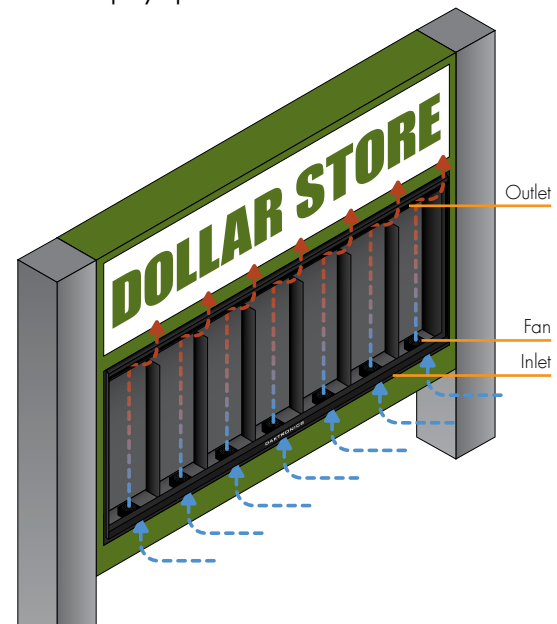
SIGNAL REDUNDANCY

Image data is sent to individual LED modules from multiple directions. If a signal path fails, the module continues to operate from the additional signal.



FRONT VENTILATION

The installer doesn't need to deal with special ventilation requirements. It's built in to the display up to 8 feet tall.



ALL SEALED COMPONENTS

Modules, power supplies, controller, power term panel, fan and all connections fully sealed.



QUICK CONNECTIONS

Simple plug-and-play signal connection. Along with an external junction box for easy power connection.



SINGLE-STEP MODULE REMOVAL

A single turn of the wrench removes the multi-point attached module.



MOUNTING CLIPS

Slotted clip angles in multiple locations allows adjustability in mounting.

The new Galaxy GT6x provides bright, vibrant images through high-resolution surface mount LED technology in 10- and 8-mm pixel pitches. Take advantage of industry-leading reliability, simple installation and unparalleled service you expect from Daktronics and the Galaxy line. End customers control their LED sign anywhere, anytime with cloud-based Venus Control Suite software.

FEATURE SET

- › Sealed components prevent corrosion
- › Signal redundancy minimizes message disruption
- › High-contrast louver design deflects light away from intended audience producing rich colors
- › Single section for fast installation
- › Quick connects
- › Front ventilation on displays less than eight feet tall
- › Large sections for fast installation
- › No spreader beam required for displays greater than eight feet tall
- › Mounting clips
- › Single-step module removal
- › Shallow cabinet depth
- › Narrow cabinet borders

SERIES TECHNICAL SPECIFICATIONS

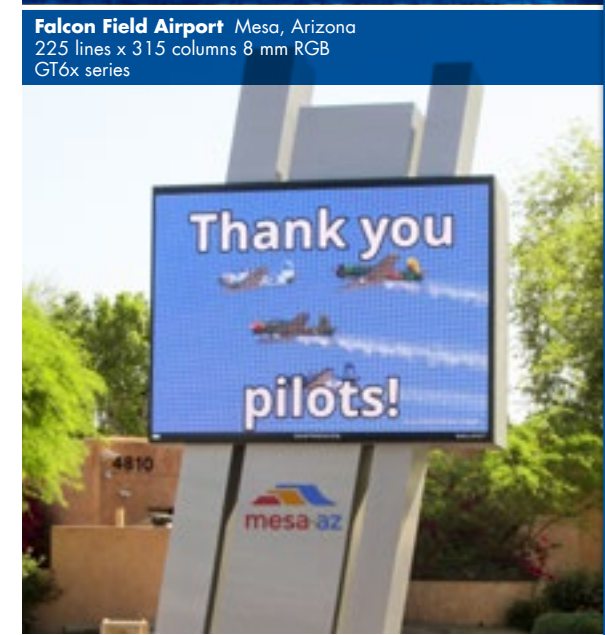
Estimated LED Lifetime	100,000+ hours
Contrast Enhancement	Non-reflective black louvers and module face grooves disperse light
Content Capability	Text, graphics, logos, basic animation, video clips, data integration, multiple font styles and sizes
Control Software	Venus® Control Suite
Power	120/240 VAC single phase
Display Dimming	64 levels (automatic, scheduled or manual control)
Communication Options	Ethernet Fiber Optic, Ethernet Bridge Radio, Remote Cellular, Ethernet Wire
Operating Temperature	-40°F to 122°F with 99% RH non-condensing
Compliance Information	UL Listed, FCC compliant
Warranty Coverage	5 Years
Product Support	Parts support for a minimum of 10 years after end of production, see page 7 for details



Sunset Athletic Club Portland, Oregon
108 lines x 216 columns 10 mm RGB
GT6x series



Mason General Hospital Shelton, Washington
72 lines x 216 columns 10 mm RGB
GT6x series



Falcon Field Airport Mesa, Arizona
225 lines x 315 columns 8 mm RGB
GT6x series



City of Kennesaw Kennesaw, Georgia
135 lines x 450 columns 8 mm RGB
GT6x series

OUTDOOR GT6x 8 MM

After calculating the physical space you want to fill, use this chart to determine the corresponding display size. Additional sizes are available as a special order. For square footage, refer to the specifications in the back of the catalog.

DISPLAY CONFIGURATION

All sizes are available in single-face (SF) or two-view (2V) configurations.

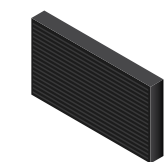
Single-section, Front-ventilated
7" deep formed cabinet
Spare parts optional
Installation Support optional

Single-section, Rear-ventilated
11" deep extruded cabinet
Spare parts included
Installation Support optional

Multi-section, Rear-ventilated
11" deep extruded cabinet
Spare parts included
Installation Support optional

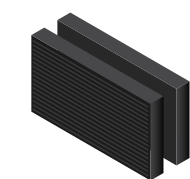


Edwards Media Plaza Phoenix, Arizona
135 lines x 315 columns 8 mm RGB
GT6x series



Single-face (SF)

Available in all sizes



Two-view (2V)

Available in all sizes

		DISPLAY																		WIDTH												
cabinet dimensions		3'11"	5'1"	6'3"	7'6"	8'8"	9'11"	11'1"	12'3"	13'6"	14'8"	15'11"	17'1"	18'3"	19'6"	20'8"	21'11"	23'1"	24'3"	25'6"	26'8"	27'11"	29'1"	30'3"	31'6"	32'8"	33'11"	35'1"	36'3"	37'6"		
active area dimensions		3'8"	4'10"	6'0"	7'3"	8'5"	9'8"	10'10"	12'0"	13'3"	14'5"	15'8"	16'10"	18'0"	19'3"	20'5"	21'8"	22'10"	24'0"	25'3"	26'5"	27'8"	28'10"	30'0"	31'3"	32'5"	33'8"	34'10"	36'0"	37'3"		
matrix		135	180	225	270	315	360	405	450	495	540	585	630	675	720	765	810	855	900	945	990	1035	1080	1125	1170	1215	1260	1305	1350	1395		
DISPLAY HEIGHT	1'9"	1'3"	45																													
	2'11"	2'5"	90																													
	4'2"	3'8"	135																													
	5'4"	4'10"	180																													
	6'6"	6'0"	225																													
	7'9"	7'3"	270																													
	8'11"	8'5"	315																													
	10'2"	9'8"	360																													
	11'4"	10'10"	405																													
	12'6"	12'0"	450																													
13'9"	13'3"	495																														
14'11"	14'5"	540																														
16'2"	15'8"	585																														
17'4"	16'10"	630																														
18'6"	18'0"	675																														
19'9"	19'3"	720																														

SIZES AVAILABLE AS SPECIAL ORDER

TECHNICAL SPECIFICATIONS

Character Height	2.2" (7 pixel font)
Line Spacing	8.13 mm (0.3")
Pixel Configuration	3-in-1 SMD
Maximum Brightness	8,000 nits
Color Capability	281 trillion colors
Optimal Viewing Angle	160 degrees horizontal x 70 degrees vertical
Min Viewing Distance	18'

MODEL NUMBER GUIDE

GT6x	-	90	x	135	-	8	-	RGB	-	2V
Series		Lines High		Columns Wide		Line Spacing		LED Color		Single Face or Two View



Watertown Ford Chrysler Watertown, South Dakota
144 lines x 252 columns 10 mm RGB
GT6x series

OUTDOOR GT6x 10 MM

After calculating the physical space you want to fill, use this chart to determine the corresponding display size. Additional sizes are available as a special order. For square footage, refer to the specifications in the back of the catalog.

DISPLAY CONFIGURATION

All sizes are available in single-face (SF) or two-view (2V) configurations.

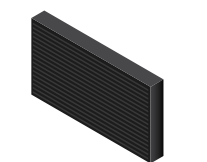
Single-section, Front-ventilated
7" deep formed cabinet
Spare parts optional
Installation Support optional

Single-section, Rear-ventilated
11" deep extruded cabinet
Spare parts included
Installation Support optional

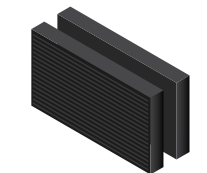
Multi-section, Rear-ventilated
11" deep extruded cabinet
Spare parts included
Installation Support optional



New Meadow Office Condominiums Chaska, Minnesota
108 lines x 288 columns 10 mm RGB
GT6x series



Single-face (SF)
Available in all sizes



Two-view (2V)
Available in all sizes

		DISPLAY																		WIDTH												
cabinet dimensions		3'11"	5'1"	6'3"	7'6"	8'8"	9'11"	11'1"	12'3"	13'6"	14'8"	15'11"	17'1"	18'3"	19'6"	20'8"	21'11"	23'1"	24'3"	25'6"	26'8"	27'11"	29'1"	30'3"	31'6"	32'8"	33'11"	35'1"	36'3"	37'6"		
active area dimensions		3'8"	4'10"	6'0"	7'3"	8'5"	9'8"	10'10"	12'0"	13'3"	14'5"	15'8"	16'10"	18'0"	19'3"	20'5"	21'8"	22'10"	24'0"	25'3"	26'5"	27'8"	28'10"	30'0"	31'3"	32'5"	33'8"	34'10"	36'0"	37'3"		
matrix		108	144	180	216	252	288	324	360	396	432	468	504	540	576	612	648	684	720	756	792	828	864	900	936	972	1008	1044	1080	1116		
DISPLAY HEIGHT	1'9"	1'3"	36																													
	2'11"	2'5"	72																													
	4'2"	3'8"	108																													
	5'4"	4'10"	144																													
	6'6"	6'0"	180																													
	7'9"	7'3"	216																													
	8'11"	8'5"	252																													
	10'2"	9'8"	288																													
	11'4"	10'10"	324																													
	12'6"	12'0"	360																													
	13'9"	13'3"	396																													
	14'11"	14'5"	432																													
	16'2"	15'8"	468																													
	17'4"	16'10"	504																													
	18'6"	18'0"	540																													
	19'9"	19'3"	576																													

SIZES AVAILABLE AS SPECIAL ORDER

TECHNICAL SPECIFICATIONS

Character Height	2.8" (7 pixel font)
Line Spacing	10.16 mm (0.4")
Pixel Configuration	3-in-1 SMD
Maximum Brightness	8,000 nits
Color Capability	281 trillion colors
Optimal Viewing Angle	160 degrees horizontal x 70 degrees vertical
Min Viewing Distance	21'

MODEL NUMBER GUIDE

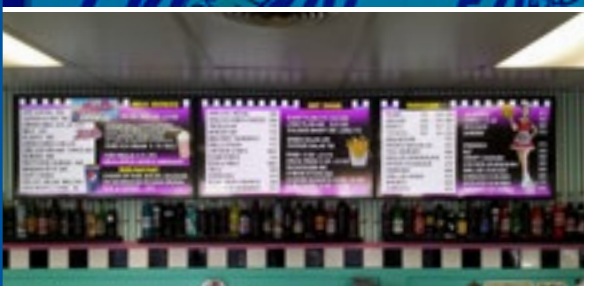
GT6x	-	72	x	108	-	10	-	RGB	-	2V
Series		Lines High		Columns Wide		Line Spacing		LED Color		Single Face or Two View

DAKTRONICS LCD DIGITAL SIGNAGE

THE RIGHT PRODUCT INDOORS AND OUT



Aberdeen High School Aberdeen, South Dakota
3x3 LCD Menu Board



Hal's Drive-In Sedro-Woolley, Washington
3x1 LCD Menu Board



Wawa Westampton, New Jersey
3x1 LCD Menu Board



Arcteryx Vancouver, British Columbia
2x2 LCD Video Wall

Daktronics specializes in providing one control solution for indoor and outdoor digital signage to leading retailers, convenience stores, financial institutes and other businesses.

Daktronics experienced sales, installation and project management teams can help you successfully deliver state-of-the-art digital signage to your customers, including:

- › Menu & feature boards
- › Informational boards/digital directories
- › Interactive touch screen experiences
- › 4K+ LCD video walls
- › School campus communications
- › Employee communications networks
- › Drive-thru displays

PROGRAM DEPLOYMENT

We simplify the deployment and management of digital signage and interactive display networks by handling the following:

- › Unified control system
- › Project management
- › Solution design and content strategy
- › 24/7 active network monitoring
- › Onsite services with single point accountability
- › Warranty options, including "White Glove" support

Daktronics thinks outside the box, and we're ready to help you successfully complete your video project. After all, we dedicate millions of dollars annually to research and development to stay on the industry's cutting edge. Our experience includes years of working with complex systems and large video display installations throughout the world.

OUTDOOR LED VIDEO

- › 360-degree sealed module and power supply weather protection
- › Efficient installation with sectional cabinet design
- › Blacker display for higher contrast resulting in sharper images
- › Wider viewing angles and premium brightness
- › Mix of pixel pitches to fit any application

INDOOR LED VIDEO

- › Module-based design enables any display size
- › Powerful processing for simultaneous standard definition, HD and computer graphics feeds
- › Multiple windows per screen of live video, advertising and real-time information
- › Narrow Pixel Pitch (NPP) options to make a premium impression
- › SMD LED for up-close viewing, superior color blending and amazing viewing angles

PROPIXEL® FREEFORM VIDEO ELEMENTS

- › Stick or puck video elements mount to any surface or structure
- › See-through applications to mount externally on windows
- › Advanced color matching to blend product with the background color
- › Pixel mapping to maintain image integrity across uneven/curved surfaces

DIGITAL STREET FURNITURE DISPLAYS

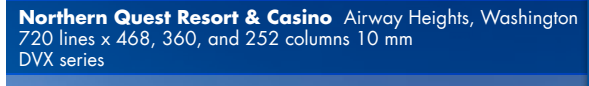
- › Eye-level digital advertising and timely information in outdoor public spaces
- › Reaching slow-moving automobile and pedestrian traffic
- › Sleek design complements surrounding architecture
- › Variety of sizes and resolutions accommodate any region or application



Emaar Properties Dubai, United Arab Emirates
1800 lines x 2560 columns 1.9 mm
ZPN series



Circa Resort & Casino Las Vegas, Nevada
3,840 lines x 1,032 columns 15 mm, 25 mm
DVX, PSX series



Northern Quest Resort & Casino Airway Heights, Washington
720 lines x 468, 360, and 252 columns 10 mm
DVX series





National Association Member:



DAKTRONICS

DAKTRONICS.COM 800-325-8766

Covers: Wilderness Resort Baraboo, WI DXB-0100-288x504-10 (front) DXB-0100-360x720-10 (back)
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