

Your choice for clarity and flexibility

Our 19mm color LED sign has detailed, true-to-life images and full video capability you need to make a strong impression. The 19mm can fit almost any application. How do we know? It's our best-selling model to date.

Our 19mm color sign modules now follow the same form factor as our other high-resolution sign models. The universally sized module on our 12mm, 16mm and 19mm color signs makes design, upgrade and installation easier.

Fully encapsulated modules provide high durability and weather resistance.

Through-hole LED construction is proven to maximize image clarity and lengthen LED life.

Excellent resolution makes 19mm flexible enough to accommodate any level of viewing, near or far, and any type of traffic.

High-efficiency components deliver eye-catching brightness while reducing operating costs, maximizing return on investment.

Vivid colors produce true-to-life images on every XVS and W-series sign.

XVS advantage is an available option, providing live video capability, multi-channel data, whole-sign calibration and Automated Sign Diagnostics.

Engineered & built for quality you can count on

- Watchfire fully encapsulates every LED module in a bed of silicone gel for superior weather resistance.
- We rigorously test our modules for 180 consecutive days of underwater immersion and 60 consecutive days of salt spray. Our electronics are rated to withstand internal cabinet temperatures from -40°F to 140°F.
- Extruded aluminum, precision-mitered corners, solid welds and stainless steel fasteners help our cabinets be strong, yet lightweight and stand up to corrosion for years of worry-free performance.
- Energy efficiency is important to us. Average energy use equals about 1/3 of the maximum amperage requirement.
- Our LED signs are UL 48 & CUL 48 listed and UL Energy Efficiency Certified.



XVS 19mm Color LED 144 x 304 Matrix • 10' x 20'
Fred Haas Toyota World • Spring, TX

“There’s no comparison when you look at the quality and brightness of a Watchfire sign. The clarity and color are second to none.”

—Renee Simchon
Broker, Greenwood Realty, Greenwood, SC

19mm Sign Features	
Pixel Pitch	19.05mm
Pixel Configuration	True Pixel, 1R, 1G, 1B
Character Height	5" or larger
Module Dimensions (H x W)	12" x 12"
Matrix Configuration	16 x 16 pixels
LED Lifetime (50% brightness)	100,000 hours
Color Capability	73.7 quintillion*, 1.15 quintillion
Viewing Angle	140° horizontal x 70° vertical
Video Frame Rate	Up to 60 frames/second*, Up to 30 frames/second
Field-Adjustable Brightness	Up to 10,000 NITS
Power	120 or 240 volt single phase 60Hz
Communications Options	RWF, High Security Radio, broadband wireless & DSL, FiberCom, phone control, XVS fiber*

*Available for XVS.

Watchfire manufactures LED signs to fit almost any application. Sign sizes are based on a module size of approximately 12" x 12". For available sign sizes and specs, visit watchfiresigns.com/sizeguide. Contact your Watchfire representative for more information.



Ignite® Graphics Software

Our Ignite Graphics Software comes standard with every Watchfire LED sign. It's an all-in-one graphics software application that makes creating and scheduling messages a snap. An easy-to-use interface brings stunning graphics and video within every person's reach — whether you're tech-savvy or programming your first LED message center.

Highlights

- Edit, schedule and update from a single program.
- Use step-by-step wizards to create and manage content easily.
- Preview graphics before you run them on your sign.
- Import content created using third-party software.
- Enhance your messages with our EasyArt library.
- Take advantage of thorough staff training and post-installation support.

Warranty

Our industry-best 5-year warranty covers all Watchfire manufactured parts and factory labor. It comes standard with every LED sign we sell.



For more information, contact your Watchfire representative.



XVS 19mm Color LED 128 x 208 Matrix • 8'4" x 14'
Jungle Jim's • Fairfield, OH



XVS 19mm Color LED 144 x 208 Matrix • 10' x 14'
OSF St. Joseph Medical Center • Bloomington, IL