

# 19mm Color LED Sign



The 19mm LED sign produces detailed, true-to-life images and full video capability that make a strong impression. It is Watchfire’s best-selling model to date.

The 19mm sign modules follow the same form factor as Watchfire’s other sign models. The universally sized modules make design, upgrade, and installation easier.

## Features

- Through-hole LED construction is proven to maximize image clarity and lengthen LED life.
- Excellent resolution accommodates any level of viewing, near or far, and any type of traffic.
- High-efficiency components deliver eye-catching brightness and reduce operating costs to maximize return on investment.
- Vivid colors produce true-to-life images on every XVS and W series sign.
- The XVS advantage is an available option, providing live video capability, multi-channel data, whole-sign calibration, and Automated Sign Diagnostics.



**XVS 19mm** 96 x 288 • 6’5” x 18’3”  
Montgomery Mall • North Wales, PA

19mm Sign Features	W	XVS
Pixel Pitch	19.05 mm (.750")	19.05 mm (.750")
Pixel Configuration	True Pixel, 1R, 1G, 1B	True Pixel, 1R, 1G, 1B
Character Height	5" & larger	5" & larger
Module Dimensions (HxW)	12" x 12"	12" x 12"
Matrix Configuration	16 x 16 pixels	16 x 16 pixels
LED Lifetime (50% brightness)	100,000 hours	100,000 hours
Color Capability	18 quadrillion	73.8 quintillion
Viewing Angle	140° horizontal x 70° vertical	140° horizontal x 70° vertical
Video Frame Rate	Up to 30 frames/second	Up to 60 frames/second
Field-Adjustable Brightness	Up to 10,000 NITS	Up to 10,000 NITS
Power	120 or 240 volt single phase 60Hz	120 or 240 volt single phase 60Hz
Communications Options	RWF, High Security Radio, broadband wireless & DSL, XVS fiber, FiberCom, phone control	RWF, High Security Radio, broadband wireless & DSL, FiberCom, phone control

Watchfire manufactures LED signs to fit almost any application. Sign sizes are based on a module size of approximately 12" x 12". Contact your Watchfire representative for more information.

**“Our Watchfire sign is exactly what I thought it would be. It looks great, works without issues, and helps promote our property and its tenants.”**

**CHRIS FITCH**  
**MONTGOMERY MALL | NORTH WALES, PA**

## Engineered and Built for Reliability and Quality

Every module is encapsulated in silicone to be ruggedly durable in all kinds of weather.

Components are rigorously tested for 180 consecutive days of underwater immersion and 60 consecutive days of salt spray. Cabinets are rated for temperatures ranging from -40°F to 140°F. Electronics are rated from -40°F to 185°F.

Extruded aluminum, precision-mitered corners, solid welds, and stainless steel fasteners make our cabinets strong, yet lightweight and stand up to corrosion for years of worry-free performance.

Average energy use equals about 1/3 of maximum amperage. All signs are UL 48 and CUL48 listed and UL Energy Efficiency Certified.

## Ignite®

Ignite® software comes free with every sign, offering convenient scheduling and content management. We made improvements to the user interface, and enhanced our free EasyArt package, data feed integration and advanced diagnostics, Ignite is a comprehensive content manager for digital novices and tech-savvy programmers, now with a cloud-based option.

	Ignite OP v. 12+	Ignite OPx v. 2+
Installed software	✓	
Cloud-based platform		✓
Internet connection required		✓
Advanced content creator	✓	COMING SOON
Upload, schedule and manage content	✓	✓
EasyArt, 1000+ stills and animations	✓	COMING SOON
Control multiple Watchfire signs	✓	✓
Access sign diagnostics	✓	✓
Create conditional and dynamic content	✓	✓
Access data through RSS	✓	✓
Manage multiple data feeds		✓
Structured user rights management		✓

## Warranty

Watchfire's 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** 176 x 304 • 11' x 19'  
The Villages High School • The Villages, FL



**W 19mm** 64 x 128 • 4'5" x 10'3"  
Devitt's Nursery & Supply • New Windsor, NY

**“We knew the sign made a difference, but when we sold out of sale items that were only advertised on our Watchfire sign, we confirmed that it was measurably effective.”**

**CHRIS FITCH**  
**DEVITT'S NURSERY & SUPPLY | NEW WINDSOR, NY**