

## 16mm LED Sign

The 16mm LED sign produces images that are both amazingly sharp and incredibly bright. In both XVS and W series, this sign is a brilliant way to attract customers.

The 16mm LED sign modules follow the same form factor as Watchfire's other high-resolution models. The universally sized modules make design, market comparison, upgrade and installation easier.

### Features

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

Tight pixel pitch gives signs superior image quality and high resolution for close-range viewing and slower traffic speeds.

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.

Beveled module edges offer near-seamless installation, even around curves.

The XVS advantage is an available option, providing live video capability, multi-channel data, whole-sign calibration and automated sign diagnostics.



**W 16mm** 72 x 144 • 4'5" x 8'3"  
Kegerreis Stoves • Bernville, PA

16mm Sign Features	W	XVS
<b>Pixel Pitch</b>	16.93 mm (0.667")	16.93 mm (0.667")
<b>Pixel Configuration</b>	True Pixel, 1R, 1G, 1B	True Pixel, 1R, 1G, 1B
<b>Character Height</b>	4" & larger	4" & larger
<b>Module Dimensions (HxW)</b>	12" x 12"	12" x 12"
<b>Matrix Configuration</b>	18 x 18 pixels	18 x 18 pixels
<b>LED Lifetime (50% brightness)</b>	100,000 hours	100,000 hours
<b>Color Capability</b>	18 quadrillion	73.8 quintillion
<b>Viewing Angle</b>	140° horizontal x 70° vertical	140° horizontal x 70° vertical
<b>Video Frame Rate</b>	Up to 30 frames/second	Up to 60 frames/second
<b>Field-Adjustable Brightness</b>	Up to 10,000 NITs	Up to 10,000 NITs
<b>Power</b>	120 or 240 volt single phase 60Hz	120 or 240 volt single phase 60Hz
<b>Communications Options</b>	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.

**“The sign has been very effective in advertising used stoves. It’s so flexible. We advertise trade-ins, which sell quickly, then we can easily change the sign and advertise something else.”**

**BRIAN KEGERREIS**  
KEGERREIS STOVES | BERNVILLE, 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 16mm 90 x 126 • 5'6" x 7'6"  
Orange Park Medical Center • Orange Park, FL



XVS 16mm 128 x 240 • 7'4" x 13'4"  
Tri-County Towne Center • Springdale, OH

**“The new sign is the first LED approved for our market, and we believe it gives us a competitive edge. We can promote specials our tenants have. We also remind customers about shopping events.”**

**CLARK GILHART  
TRI-COUNTY TOWNE CENTER | SPRINGDALE, OH**