

PRODUCT FACT SHEET - 16mm



16mm

Watchfire's 16mm LED signs produce images that are amazingly sharp, incredibly bright and well-suited for highway and interstate traffic moving at speeds greater than 55 mph.

The universally sized modules make design and upgrade easier. Beveled edges offer near-seamless installation, even around curves.



Watchfire 16mm Harrisburg Mall • 27'4" x 11'

FEATURES

Through-hole LED construction is proven to maximize image clarity and lengthen LED life, with vivid colors producing true-to-life images on every XVS and W series sign. The XVS option is an advantage that provides live video capability, multi-channel data, whole-sign calibration and automated sign diagnostics.

High-efficiency components deliver eye-catching brightness and reduce operating costs to maximize return on investment. Ignite software comes free with every sign, offering convenient scheduling and content management.

ENGINEERED AND BUILT FOR RELIABILITY AND QUALITY

Every module is encapsulated for rugged durability in all kinds of weather. Cabinets are rated for temperatures ranging from -40°F to 140°F. Electronics are rated from -40°F to 185°F.

The average energy use equals about one-third of maximum amperage. All signs are UL 48 and CUL48 listed and UL Energy Efficiency Certified.

Displays are verified and comply with FCC regulations regarding emissions interference.

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

16mm Sign Features	W-Series	XVS	S-Series
Pixel Pitch	16.93 mm (0.667")	16.93 mm (0.667")	16.93 mm (0.667")
Pixel Configuration	True Pixel, 1R, 1G, 1B	True Pixel, 1R, 1G, 1B	True Pixel, 1R, 1G, 1B
Character Height	4" & larger	4" & larger	4" & larger
Module Dimensions (HxW)	12" x 12"	12" x 12"	12" x 12"
Matrix Configuration	18 x 18 pixels	18 x 18 pixels	18 x 18 pixels
Color Capability	18 quadrillion	73.8 quintillion	73.8 quintillion
Viewing Angle	140° horizontal, +45°/-60° vertical	140° horizontal, +45°/-60° vertical	140° horizontal, +45°/-60° vertical
Video Frame Rate	Up to 30 fps	Up to 60 fps	Up to 60 fps
Max Brightness	10,000 nits	10,000 nits	10,000 nits
Power	120 or 240 volt split phase 60Hz	120 or 240 volt split phase 60Hz	120 or 240 volt split phase 60Hz
Communications Options	RWF, High Security Radio, 4G Wireless, High Speed Fiber	RWF, High Security Radio, 4G Wireless, High Speed Fiber	RWF, High Security Radio, 4G Wireless, High Speed Fiber

Watchfire manufactures LED signs to fit almost any application. Sign sizes are based on a module size of approximately 12" x 12".

It's time to make the most cost-effective, dynamic advertising tool on the market work for you.

For more information, contact your Watchfire representative.