

12MM COLOR LED SIGN | Product Fact Sheet

STEP CLOSER TO SEE WHY XVS 12MM IS THE RIGHT CHOICE

The Watchfire XVS 12mm is engineered to achieve the perfect balance of quality, brightness and energy efficiency to display your messages clearly and reliably and help your business get noticed.

Fully encapsulated modules provide high durability and weather resistance.

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

Our tightest pixel pitch gives your sign superior image quality and the highest resolution Watchfire can offer.

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

Vivid Colors (73.7 quintillion of them) produce true-to-life images.

XVS advantage on every 12mm sign provides live video capability, whole-sign calibration and automated sign diagnostics.

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

The XVS 12mm LED sign is the highest resolution sign in the Watchfire family of products. Drive sales with a product that invites you to take a closer look.

ENGINEERED & BUILT FOR QUALITY YOU CAN COUNT ON

- Watchfire fully encapsulates every 12mm 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 cabinets are rated for temperatures ranging from -40F to +140F. Our electronics are rated from -40F to +185F.
- 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.
- Our LED signs are UL 48 & CUL 48 listed and UL Energy Efficiency Certified.



“The sign is definitely an eye catcher. No other company in town can showcase their products like we do.”

-Real Estate Broker, North Carolina



Sign Features	
Pixel Pitch	12.7mm
Pixel Configuration	True Pixel, 1R, 1G, 1B
Character Height	3.5" or larger
Module Dimensions (H x W)	12" x 12"
Matrix Configuration	24 x 24 pixels
LED Lifetime (50% brightness)	100,000 hours
Color Capability	73.7 quintillion
Viewing Angle	140° horizontal x 70° vertical
Video Frame Rate	Up to 60 frames per second
Field-Adjustable Brightness	7500 NITS
Power	120 or 240 volt single phase 60Hz
Communications Options	RWF, broadband wireless, DSL, Ethernet, fiber optic, RF

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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 custom content created using third-party software.
- Enhance your messages with our extensive library of EasyArt.
- Take advantage of thorough staff training and post-installation support.

WARRANTY

Our industry-best Limited Warranty covers all sign parts and factory labor on your Watchfire LED sign for a full five years.



For more information, contact your Watchfire representative.

XVS 12mm SINGLE-FACE CROSS-VENT SIGNS*

Matrix (H x W)	Cabinet Dimension (H x W)	Aspect Ratio
24 x 72	17" x 39"	3.0
24 x 96	17" x 4'3"	4.0
24 x 120	17" x 5'3"	5.0
48 x 96	29" x 4'3"	2.0
48 x 120	29" x 5'3"	2.5
48 x 144	29" x 6'3"	3.0
48 x 168	29" x 7'3"	3.5
72 x 120	41" x 5'3"	1.7
72 x 144	41" x 6'3"	2.0
72 x 168	41" x 7'3"	2.3
72 x 192	41" x 8'3"	2.7
96 x 168	4'5" x 7'3"	1.8
96 x 192	4'5" x 8'3"	2.0
96 x 216	4'5" x 9'3"	2.3
96 x 240	4'5" x 10'3"	2.5
120 x 192	5'5" x 8'3"	1.6
120 x 240	5'5" x 10'3"	2.0
120 x 288	5'5" x 12'3"	2.4
120 x 360	5'5" x 15'3"	3.0
144 x 240	6'5" x 10'3"	1.7
144 x 288	6'5" x 12'3"	2.0
144 x 360	6'5" x 15'3"	2.5
144 x 432	6'5" x 18'3"	3.0
168 x 288	7'5" x 12'3"	1.7
168 x 336	7'5" x 14'3"	2.0
168 x 408	7'5" x 17'3"	2.4
168 x 504	7'5" x 21'3"	3.0

XVS 12mm SINGLE-FACE REAR-VENT SECTIONAL SIGNS**

Matrix (H x W)	Cabinet Dimension (H x W)	Aspect Ratio
192 x 360	8'4" x 16'	1.9
192 x 408	8'4" x 18'	2.1
192 x 456	8'4" x 20'	2.4
192 x 552	8'4" x 24'	2.9
216 x 408	10' x 18'	1.9
216 x 480	10' x 21'	2.2
216 x 552	10' x 24'	2.6
216 x 624	10' x 27'	2.9
240 x 456	11' x 20'	1.9
240 x 576	11' x 25'	2.4
240 x 696	11' x 30'	2.9
264 x 456	12' x 20'	1.7
264 x 552	12' x 24'	2.1
264 x 648	12' x 28'	2.5
264 x 840	12' x 36'	3.2

*There are 398 different sizes available, based on a 12" x 12" module.
 **There are 507 different sizes available, based on a 12" x 12" module.
 Please ask your sign dealer for the size that's right for you.