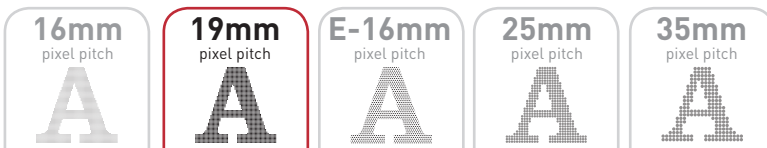


PRODUCT FACT SHEET

19MM COLOR LED SIGN AVAILABLE WITH OPTIONAL XVS UPGRADE

The XVS upgrade offers color-calibrated video speed and our sharpest, most lifelike images.

One of Watchfire's best selling models, our 19mm shows amazingly detailed, vibrant images and is manufactured to fit almost any application. Heights and widths are available in increments of approximately 12 inches. The 19mm color technology is capable of displaying incredibly crisp, life-like video imaging, plus all standard digital images. Specify the supercharged XVS upgrade at time of order.



FEATURES

DISPLAY

FEATURE	STANDARD SPEC	With XVS Upgrade
Pixel Pitch	19mm: 2750 pixels/ square meter resolution	19mm: 2750 pixels/ square meter resolution
Character Height	5" and larger	5" and larger
Color Depth Capability	1.15 quintillion	590 quintillion
Expected LED Life	+100,000 hours	+100,000 hours
Viewing Angle	1/2 Brightness Angle: 140° horizontal x 70° vertical	1/2 Brightness Angle: 140° horizontal x 70° vertical
Graphics & Animation	FREE: Hundreds built in EasyArt files	FREE: Hundreds built in EasyArt files
Ignite™ Graphics Software	Exclusively from Watchfire. Includes: - Still and animated graphics - Font editor - Message logging - Wizards - User manual	Exclusively from Watchfire. Includes: - Still and animated graphics - Font editor - Message logging - Wizards - User manual
Communications Options	RF Wireless; Phone Modem; Fiber Optic; LAN & WAN broadband	RF Wireless; Phone Modem; Fiber Optic; LAN & WAN broadband (Note: Live video requires fiber direct connection)
Power	120 volt, single-phase 60HZ	120 volt, single-phase 60HZ
Field-Adjustable Brightness Control	10,000 NITs Standard	10,000 NITs Maximum

“Our Watchfire LED sign is our number one advertising tool — beating radio and newspaper.”

— Jim & Tina Bricker, Owners of AquaSystems in Warsaw, IN

CONSTRUCTION & ENGINEERING

- Watchfire LED modules are unique in featuring an all-weather full encapsulation in a bed of silicone gel
- Rigorously tested through 180 consecutive days of underwater immersion, 60 consecutive days of salt spray, and extreme temperatures—cabinets rated from -40° F to +140° F, electronics rated -40° F to +185° F
- Modular design can be scaled to very large sizes
- Time, day and date displays (temperature display optional)
- 100% solid state with modular design for ease of service
- All manufacturing is controlled in Watchfire's vertically integrated manufacturing plant in the Midwest, from LED circuit board assembly to aluminum cabinetry. Computerized state-of-the-art facilities assure reliable, on-time delivery.
- Extruded aluminum cabinetry featuring precision mitered corners, solid welds and 30% gloss black polyurethane finishes
- Watchfire signs exclusively feature stainless fasteners
- Electrical: Required service equals 100% of total wattage. Average energy consumption equals about 1/3 of total wattage
- Now consumes 25% less power

“The remarkable results of having our new sign include greatly improved awareness, visibility, branding and sales results.”

— William W. Zielonko, Executive VP of Midwest Bank Center in St. Louis, MO

SIZING SPECS

Watchfire manufactures LED signs to fit almost any application. This table shows some of the more common sizes.

LED MATRIX (H X L)	DIMENSIONS (H X L)	ASPECT RATIO
Cross Ventilation		
32 x 96	2' 5" x 6' 3"	3.0
32 x 112	2' 5" x 7' 3"	3.5
32 x 144	2' 5" x 9' 3"	4.5
32 x 176	2' 5" x 11' 3"	5.5
48 x 80	3' 5" x 5' 3"	1.7
48 x 112	3' 5" x 7' 3"	2.3
48 x 144	3' 5" x 9' 3"	3.0
48 x 176	3' 5" x 11' 3"	3.7
64 x 80	4' 5" x 5' 3"	1.3
64 x 112	4' 5" x 7' 3"	1.8
64 x 144	4' 5" x 9' 3"	2.3
64 x 176	4' 5" x 11' 3"	2.8
80 x 112	5' 5" x 7' 3"	1.4
80 x 144	5' 5" x 9' 3"	1.8
80 x 176	5' 5" x 11' 3"	2.2
80 x 208	5' 5" x 13' 3"	2.6
96 x 144	6' 5" x 9' 3"	1.5
96 x 176	6' 5" x 11' 3"	1.8
96 x 208	6' 5" x 13' 3"	2.2
112 x 176	7' 5" x 11' 3"	1.6
112 x 208	7' 5" x 13' 3"	1.9
112 x 240	7' 5" x 15' 3"	2.1
Rear Ventilation (sectional signs)		
128 x 176	8' 4" x 12'	1.4
128 x 240	8' 4" x 16'	1.9
128 x 304	8' 4" x 20'	2.4
144 x 240	10' x 16'	1.7
144 x 272	10' x 18'	1.9
144 x 304	10' x 20'	2.1
160 x 272	11' x 18'	1.7
160 x 304	11' x 20'	1.9
160 x 320	11' x 21'	2.0
160 x 336	11' x 22'	2.1
208 x 240	14' x 16'	1.2
208 x 304	14' x 20'	1.5
208 x 368	14' x 24'	1.8
224 x 432	14'4" x 28'	1.9
224 x 560	14'4" x 36'	2.5

XVS option recommended for sizes in bold.

IGNITE™ GRAPHICS SOFTWARE Exclusively from Watchfire

Ignite is exclusively for Watchfire LED signs. An easy-to-use interface puts the ability to create stunning graphic and video displays within the reach of anyone and dramatically eliminates the headaches associated with sign message software. Instantly preview and schedule messages from your computer so you know what's playing on your sign at all times; no more disappointment when you see your sign.

Within minutes, you are up and running, creating exciting text, graphics, animation and video. As a Watchfire sign owner, you'll have a full range of standard graphics and fonts. You'll also have downloadable graphics, video and art collections from Watchfire available for purchase when you want to customize your sign messages even further. For full custom content services offered through Watchfire's Art Department, contact your sign company or Watchfire representative.

QUICK POINTS

- Edit, schedule and update from just one program
- Use Ignite's step-by-step wizards to effortlessly create and manage content
- Preview your graphics before you run them on your sign
- Import AVI files of custom content created in other software
- Extensive EasyArt library with special collections
- Intuitive, easy-to-use interface
- Training manual included
- Complete staff training and post-installation support

“We love it!”

— Peggy Kroy, Holy Family School in Danville, IL

THE XVS ADVANTAGE Supercharged LED and Video Display

The XVS feature provides tremendous color depth capability – 590 quintillion colors. The frame rate is increased to full-motion 30 frames per second, at true “live” speed. With XVS, your sign can have more accurate and deeper color hues, display smooth video movement, and even run optional live video feed.

- Tremendous color depth
- Faster frame rate
- Live camera feed option

WARRANTY

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

