SXOBH-55-5

55” Outdoor Waterproof Sunlight Readable LCD Monitor/TV



- Ultra-Bright – 2,500 Nits Brightness
- Optical Bonding Improves Contrast Ratio and Image Quality
- IP 66 Waterproof Aluminum Enclosure
- Built-in Pixel Shift Technology to Prevent LCD Burn-in (aka image retention)
- Works in Landscape and Portrait Mode
- Ambient Light Sensor Adjusts Screen Brightness Automatically
- Anti-Reflective, Impact-Resistant Safety Glass, Rated IK10
- Remote Diagnostics (SNMP Protocol)
- Auto Re-Start After Power Loss
- 12 VDC and 5 VDC Power Outputs
- Power Scheduling for auto On/Off
- TAA Compliant

55″ OUTDOOR TV WATERPROOF SUNLIGHT READABLE FULL SUN TV

The SXOBH-55-5 is the best outdoor waterproof sunlight readable LCD TV monitor on the market. It represents the most advanced technology available today. This Optically Bonded high-brightness (2500 nits) 55″ TV monitor screen features 2,500 nits screen brightness. You will see clear, sharp video images even with bright sunlight directly on the screen. Thanks to our special polarizer, our high brightness full sun TV operates in both Portrait and Landscape modes. It is a corrosion-resistant enclosure, rated IP66. This is the ultimate solution for use outdoors. Also, it is very popular for challenging industrial environments. Remote-Monitoring is supported via IP-addressable user interface for temperature, humidity and power draw diagnostics of the display.

ULTRA HIGH 2500 NITS BRIGHT SCREEN, OUTDOOR WATERPROOF TV

Our SXOBH-55-5 is a 55” outdoor waterproof sunlight readable monitor. The Optically Bonded LCD screen provides an amazing 2,500 nits brightness. We design the SXOBH-55-5 monitors for use in direct sunlight. Consequently, they are also perfect for any other high ambient-light conditions. We utilize state-of-the-art LED backlights. In contrast, this is over 8 to 12 times brighter than standard monitors. For example, standard monitors offer only 200-300 nits brightness. Therefore, the result is an amazingly bright screen with a 2500 nits display. This will provide you with crystal-clear images, even with bright, direct sunlight on the face of the screen. Additionally, the internal LCD panel is rated up to 140°F (60°C) operating temperature. Therefore, the screen will never go isotropic (turn black), even at extreme operating temperatures. This is a very common problem for other monitors in direct, bright sunlight on very hot days.

The IK10 rated impact-resistant tempered cover glass protects the screen against vandalism and debris. An Anti-Reflective, UV-protective safety glass reduces glare and reflections. It also protects the LCD panel. Our glass is 5mm thick on this monitor, and is rated IK10+. Consequently, it will withstand a direct impact from a baseball thrown at 60 MPH! We also feature Optical Bonding on this display. Optical Bonding dramatically increases the perceived contrast ratio. Additionally, it reduces glare, which results in amazing picture quality , even in direct sunlight.

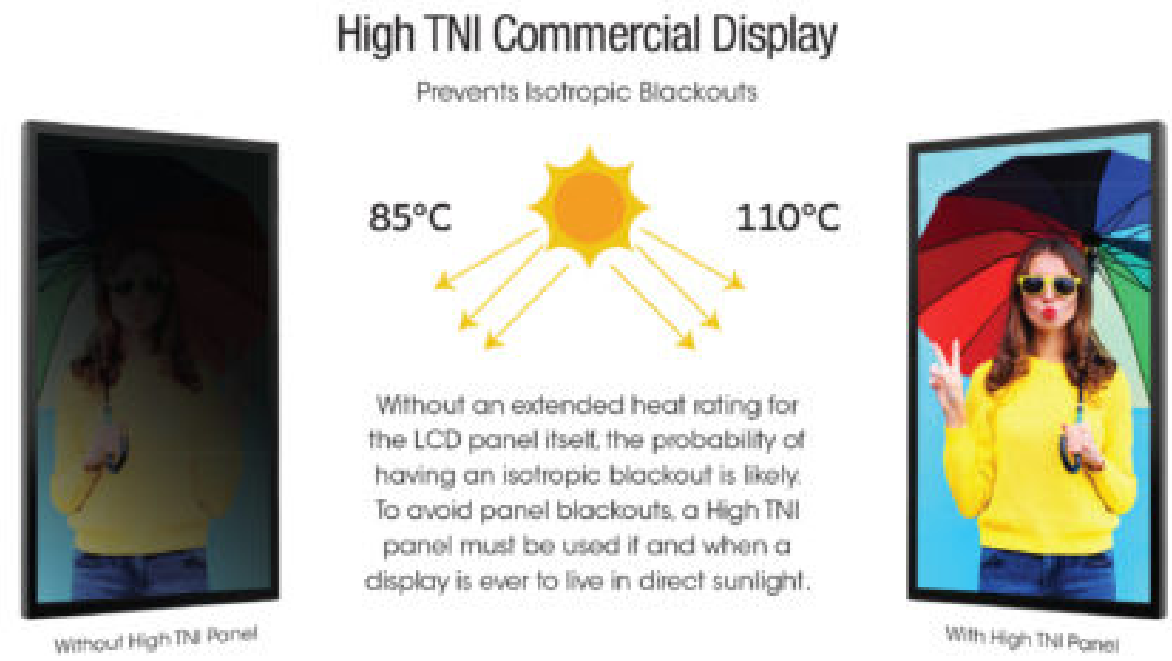


WATERPROOF OUTDOOR BRIGHT MONITORS

SXOBH-55-5 Sunlight Readable outdoor TV monitors are extremely rugged. Moreover, they are built with true industrial-grade components. Our rugged enclosure is corrosion-resistant aluminum, rated IP66. They are sealed against water, moisture, dirt, sand, metal shavings and insects. A patented thermal control system keeps the monitor cool in summer and warm in winter.

OUTDOOR FULL SUN TV DISPLAYS NEED EXTREME OPERATING TEMPERATURES

We design the SXOBH-55-5 high brightness displays to operate in nearly any environmental conditions. Whether in frigid conditions or blazing heat, these sunlight displays will survive and thrive. To clarify, these outdoor monitors will operate in temperatures down to -31°F (-35°C). They will also withstand brutal heat. Moreover, operating temperatures go up to 140°F (60°C). All of this without any fans, vents or filters. Another key factor is that the internal LCD panel is actually rated to 230°F (110°C). This is far higher than nearly any other LCD panel available today. This ensures that the monitor will never experience isotropic black-outs, where the screen turns dark due to excessive heat. This is a major problem for standard LCD monitors. These special LCD panels enable our SXOBH Series monitors to operate in the hottest environments on earth!



HIGH BRIGHT SUNLIGHT READABLE OUTDOOR MONITORS ARE DEPLOYED WORLDWIDE

Our 55″ Sunlight Readable 2500 nit screen brightness monitors have been deployed in a wide range of demanding industries. For example, military, law enforcement, digital signage, and sports stadiums feature these 55″ TV displays. They are also found in inspection, amusement parks, on ships, and in train and bus stations.

VIDEO: View our SXOBH Series Monitor in action, washed down by a fire department hose below.

OUR EXPERTS ARE READY TO HELP YOU FIND THE BEST SUNLIGHT READABLE OUTDOOR TV MONITOR

With over 200 LCD monitors and touch screens on our site, selecting the best waterproof TV, or outdoor television solution may be a bit overwhelming. To help narrow-down the choices, check out our Advanced Search Tool. For example, this enables you to filter by your own specific search requirements. See our full line-up of industrial-grade Sunlight Readable and Daylight Readable displays. This highlights all of our high brightness monitors. Shop by size 21.5″ to 65″ monitors , or see our full line of Waterproof Outdoor Monitors. TRU-Vu Monitors also offers a wide range of LCD monitor mounts and stands.

Finally, our team members are ready to help! We can determine the exact outdoor TV that will meet your specific needs . Certainly, TRU-Vu will help provide crystal-clear images for your operating requirements . Call (847) 259-2344 today to speak with one of our specialists. Above all, we will listen. It's one of the things we do best. Our professional advisors will ensure the outdoor monitor or waterproof TV you receive will be and do everything you had hoped it would!

If you prefer, fill out a quick form with your requirements, and we will guide you to the best outdoor full sun TV for you!

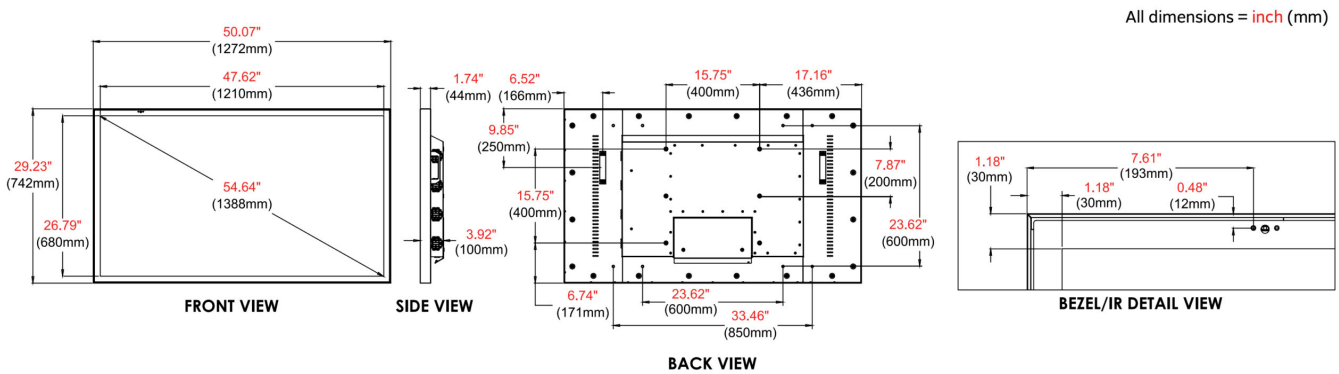
SPECIFICATIONS

	SXOBH-55-5

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LCD Panel	55″ LCD; LED Backlights
Native Resolution	1920 x 1080 (1080P/60 Full HD)
Aspect Ratio	16:9
Viewable Area	47.62” (W) x 26.79” (H) (1210 x 680 mm)
Pixel Pitch	.210 x .630mm
Display Colors	16.7 M
Brightness	2,500 nits
Contrast Ratio	2,000:1
Viewing Angle	178° (H) x 178° (V)
Response Time	6 msec (Tr+Tf)
Video Inputs	HDMI (x2), Composite, DisplayPort, Component
Touch Technology/Interface	N/A
Control	OSD (On-Screen Display) via Rear Push Buttons, IR Remote
Power Input	100 – 240 VAC via Internal AC
Power Consumption	215W
Operating Temperature	-31°F to 140°F (-35°C to +60°C)
Enclosure/Material	Aluminum
IP Rating	IP66
VESA Pattern	400 x 200, 400 x 400 , 600 x 600 mm Rear VESA Mounts Holes
Dimensions	50.07” (W) x 29.23” (H) x 3.92″ (D) (1272 x 742 x 100 mm)
Weight	104.5 lbs (47.4kg)
Humidity	5-90% RH
Shock	50 G (20 msec, 1/2 sine)
Vibration	1.5G RMS 10-200 HZ
Certifications/Approvals	FCC Class A, cULus, CE, UKCA
Warranty	2 Years

Note: Specifications subject to change without notice.

DIMENSIONS (MM)



SXOBH-55-4

Standard Accessories:

- AC Power Cord

- IR Extender
- Remote Control

Available Options:

- Outdoor Universal Tilt Wall Mount (MBX-6500T)
- Outdoor Universal Wind-Rated Tilt Wall Mount (MBX-6500 WR)
- Outdoor Articulating Wall Mount (MBX-267)
- Outdoor Universal Flat Mount for 42” to 80” Displays (Portrait Mode Only) MBX-665P