



## 49" HIGH BRIGHTNESS 3,500 NITS LCD WITH NARROW BEZEL

The DS491LT4-M is a FHD 49-inch high brightness LCD producing a 3,500 nit sunlight viewable image. The display has been designed for applications in bright environments such as outdoor enclosures and storefront windows.

A narrow 8.7/8.5 mm bezel makes this model ideal for either single display or video wall applications. Each screen is individually color calibrated to the D65 color standard to ensure uniformity among multiple displays.

The display may be operated in both portrait and landscape orientations and utilizes quarter-wave plate technology to allow for viewing with polarized sunglasses.

Designed with an Intel® SDM slot to accept an Intel Smart Display Module.<sup>1</sup>

<sup>1</sup> Module not included. May be obtained by third party vendors. Intel is a trademark of Intel Corporation or its subsidiaries in the U.S. and/or other countries.



SUNLIGHT  
VIEWABLE



FANLESS  
COOLING



Intel® SDM  
READY



POLARIZED  
LENSES OK



PORTRAIT &  
LANDSCAPE

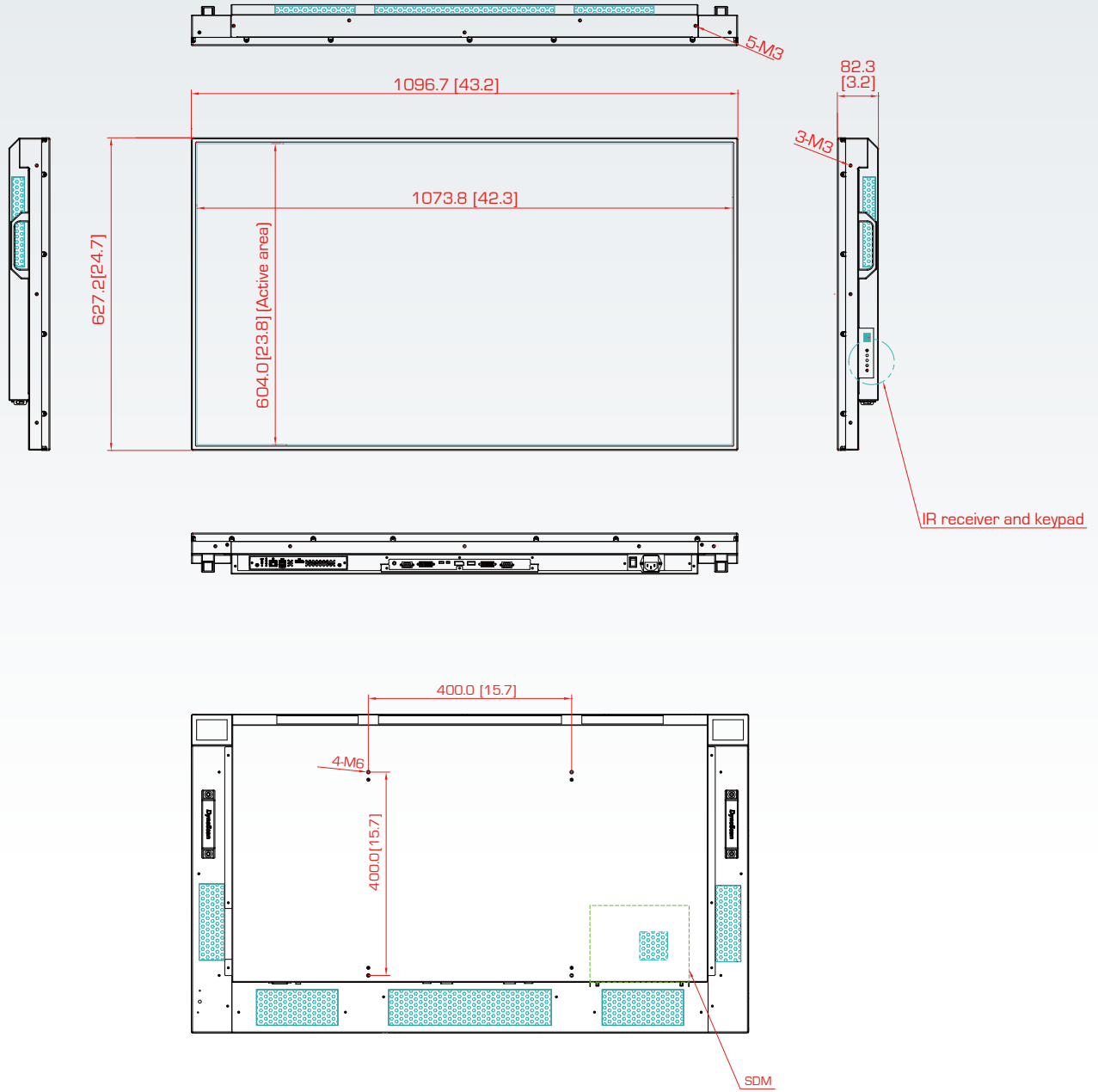
## APPLICATIONS

- STORE FRONT WINDOWS
- TRANSPORTATION
- FINANCIAL INSTITUTIONS
- OUTDOOR ENCLOSURES
- DIGITAL ADVERTISING

# SPECIFICATIONS

PANEL	LCD Panel Type	48.5 inches LCD
	Native Resolution	1920 x 1080
	Backlight	LED
	Brightness	3500 nit
	Default Color Temperature	D65 (6500 K)
	Contrast Ratio	3,000:1(static)
	Color Depth	10 bit
	Response Time	8 ms (typ)
	Viewing Angle	178° / 178°
	Light Life Time	100,000 hrs (typ.)
	Blackening Defect Free	Up to 110°C (230°F)
	Panel Surface	AR, Haze < 2%, 2H, QWP
POWER	Power Supply	Internal
	Rated Voltage	100 V ~ 240 V, 50 Hz / 60 Hz
	Power On Mode	170 W (typ), 280 W (max)
	Power Saving Mode	< 1 W
MECHANICAL	Bezel Width (T/B/L/R)	8.7/ 8.7/ 8.5/ 8.5 mm
	Cabinet Color	Black
	Monitor Dimension (LxHxD, w/o stand)	1096.7 x 627.2 x 82.3 mm [43.2" x 24.7 x 3.2"]
	Monitor Weight (set/package)	19.6 kg / 26.5 kg [43.2 lb / 58.4 lb]
	VESA Mounting (dimension)	400 x 400 mm
	Orientation	Portrait / Landscape
	Fanless Cooling	Yes
USER INTERFACE	Language	English
	Daisy Chain	DVI, RS-232
	Proof of Image Retention	Yes
	Built-in Video Wall Support	Up to 15x15
	Dimming Control (DCR)	Yes
	On/Off Scheduling	Yes
	Ambient Light Sensor	Yes
	Network Control	RS-232, LAN
	Internal Temperature Sensor	Yes
I/O PORTS	HDMI	In (x1)
	DVI-D	In (x1), Out (x1)
	DisplayPort	In (x1)
	RS-232	In (x1), Out (x1)
	Audio	Out (x1)
ENVIRONMENT	Operating Temperature	0°C ~ 45°C (32°F ~ 113°F)
	Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)
	Humidity	10% ~ 80% RH Non-condensing
ACCESSORIES	Included	Quickstart guide, Power cable, Remote control with batteries, ESK 302
CERTIFICATION	CE / FCC Class B / ROHS	

# DIMENSIONS





## FEATURES



### Sunlight Viewable Image

With a 3,500 nit brightness rating, the display can easily be viewed in direct sunlight applications.



### Blackening Defect-free

High Tni panel prevents blackening when exposed to high temperatures.



### Viewable with Polarized Lenses

Utilizes quarter-wave plate technology to allow for viewing with polarized sunglasses.



### 24/7 Operation

Designed for worry-free round-the-clock operation.



### True Color Calibration

Every display is factory calibrated to the D65 CIE color standard to produce a natural looking image.



### Thermal Management

Heat generated by the display is radiated away from high temperature areas.



### Automatic Brightness Control

A light sensor measures the ambient light in the area and automatically adjusts the image accordingly.



### Brightness & Color Guaranteed

Guaranteed color and brightness degradation of no more than 9% over 5 year of continuous use.