

DynaScan

ULTRA HIGH BRIGHTNESS LCDS



84" ULLTRA HD HIGH BRIGHTNESS 2,500 NIT LCD MODEL DS841LR4-1

The DS841LR4-1 is the largest professional high brightness LCD offering from DynaScan, measuring 84-inches diagonally. The display features a 4K UHD 84-inch IPS LCD with a high brightness LED backlight producing a 2,500 nit sunlight-viewable image. The DS841LR4-1 has been designed for large scale display applications in bright environments such as outdoor enclosures and storefront windows. Each screen is individually color calibrated to the D65 color standard to ensure uniformity among multiple displays.

Key Features

- 2,500 nit Maximum Brightness
- Ultra HD 4K Resolution
- IPS Technology
- LED Backlit with Local Dimming
- D65 Color Calibrated
- Blackening Defect Free in Direct Sunlight

Screen Image simulated.

DynaScan Technology, Inc.

www.dynascandisplay.com

84" ULLTRA HD HIGH BRIGHTNESS 2,500 NIT LCD

MODEL DS841LR4-1

PANEL

LCD Panel Type	84.04 inches IPS LCD
Native Resolution	3840 x 2160
Backlight	Direct LED
Brightness	2500 nit
Default Color Temperature	D65 (6500 K)
Contrast Ratio	3,000:1
Response Time	12 ms (typ)
Viewing Angle	178° / 178°
Light Life Time	50,000 hrs (typ.)
Blackening Defect Free	Up to 110°C (230°F)
Panel Surface	AG Haze 10%, 3H

POWER

Power Supply	Internal
Rated Voltage	200 V ~ 240 V, 50 Hz / 60 Hz
Power On Mode	1200 W (typ), 2050 W (max)
Power Saving Mode	< 1 W
AC Out	< 100 W

MECHANICAL SPECS

Bezel Width (T/B/L/R)	26 / 26 / 20 / 20 mm
Cabinet Color	Black
Monitor Dimension (LxHxD, w/o stand)	1907 x 1105 x 173.5 mm
Monitor Weight (set/package)	115 kg / 130 kg
VESA Mounting (dimension)	400 x 400 mm, 1000 x 400 mm
Fanless Design	No
Orientation	Portrait / Landscape

USER INTERFACE

Language	English
Daisy Chain	RS-232
Proof of Image Retention	Yes
Dimming Control (DCR)	Yes
On/Off Scheduling	Yes
Ambient Light Sensor	Yes
Total Turn-on time	Yes
Internal Temperature Sensor	Yes
Network Control	RS-232, RS-485 (RJ45)
OSD Menu Rotation	Yes
Carrying Handles	Yes

I/O PORTS

DVI-D	In (x1)
DisplayPort	In (x1)
VGA	In (x1)
USB	In (x1 Service Port)
RS-232	In (x1), Out (x1)
RJ-45	In (x1)
Audio	In (x1), Out (x1)

ACCESSORIES

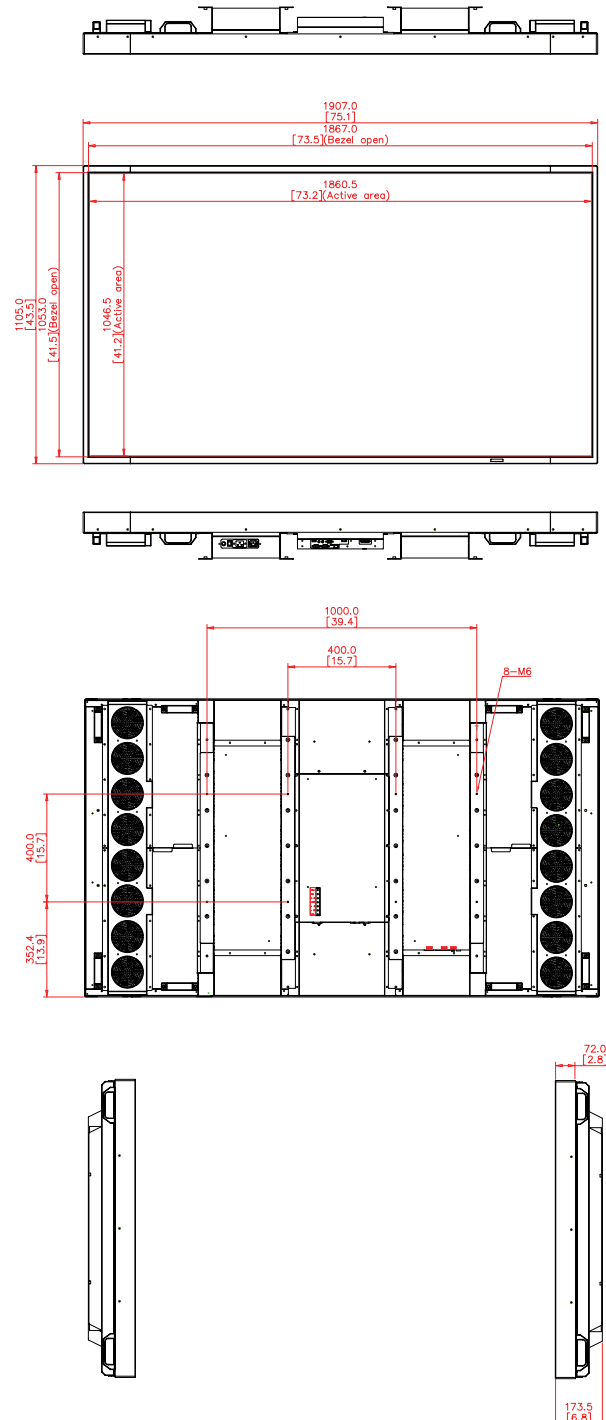
Included Accessories	Power Cord, DVI cable, RJ45 cable, RS232 cable, Remote controller, Batteries, QSG
Optional Accessories	Extension Sensor Kit

ENVIRONMENT

Operating Temperature	0° C ~ 45° C
Storage Temperature	-20° C ~ 60° C
Humidity	10% ~ 80% RH Non-condensing

CERTIFICATION

CE / FCC / ROHS



For More Information, Contact DynaScan:

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Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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