RGB Led Touch Monitor

DIGNITY
Europe

DE3151-0065-C822-B0
Custom RGB Led Touch Monitor

2 YEARS WARRANTY

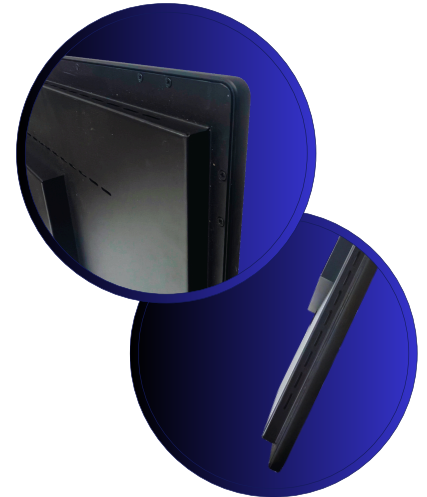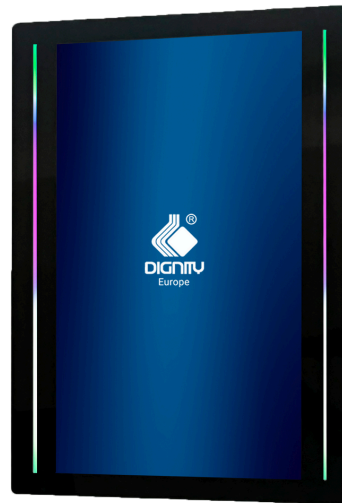RoHS compliant

REACH

CE

Multi-touch
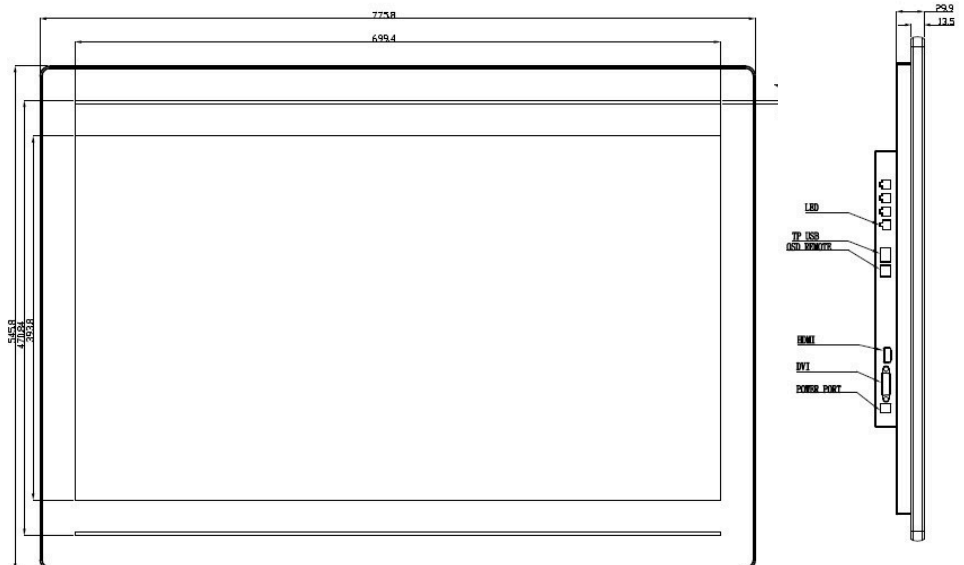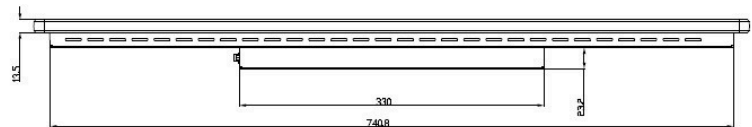
16:9

with FRAME

PCAP

Aplication

■ Self service

■ Healthcare

■ Gaming

■ Industrial automation

Features

1. Integrated design with better stability and reliability.

2. Capacitive touchscreen for premium image quality and support 10-point touch.

3. 89°(h) x 89°(v) visible angle，no matter mounted in landscape or portrait, also have optimal clarity and the viewing experience.

4. There is a controllable RGB light strip on the left and right sides of the machine.

5. High-definition LCD displays offer superior high-definition interactivity, clarity and resolution.

6. 2-year warranty.

LED

TP USB
OSD 10POINTTR

HDMI
DVI
POWER PORT

*Monitor Compatible with O/S, Windows / Android / Linux
*Monitor available in touch and non-touch versions.

Specifications

Part number	DE3151-0065-C822-B0
Enclosure color	Black
Active area	698.7mm (H) x 393.3mm (V) / 27.50" x 15.48"
Diagonal Size	31.5 inch
Aspect Ratio	16:9
Resolution	1920(H) ×1080(V)
Other Supported Resolutions	640x480 60Hz; 720x400 60Hz; 800x500, 60Hz; 800x600 60Hz; 1024x768 60Hz; 1280x800 60Hz; 1280x1024 60Hz; 1366x768 60Hz, 60Hz RB; 1440x900 60Hz, 60Hz RB; 1680x1050 60Hz, 60Hz RB;
Number of Colors	16.7M
Brightness (typical)	LCD panel: 350 nits
Response Time (typical)	10ms
Viewing Angle	89°(H) ; 89°(V)
Contrast Ratio	1200:1
RGB Light Strip	A RGB light strip on the left and right sides of the machine Single signal line with 60 units per meter The width of the light strip is 10mm
On Screen Display	Accessible through switches on the unit's tethered OSD Control box. Controls: Menu, Up, Down, Select, Power Settings: Brightness, Contrast, Clock, Phase, H-position, V-position, Auto-Adjust, Aspect Ratio, Sharpness, Color Temperature, OSD timeout, OSD Language, OSD H-Position, OSD V-Position,Information Languages: English, French, Italian, German, Spanish, Simplified Chinese, Traditional Chinese, Japanese, Russian, Korean
I/O Ports	Serial port (IntelliTouch only), USB Type B, RJ45 for OSD remote key, VGA, HDMI, Display Port, Four RGB Light Ports, 12V D/C in
Input Video Format&Frequency	HDMI V1.3 Type A receptacle for HDMI input Analog VGA on Female DB-15 connector DisplayPort V1.1a - Supports later versions of DisplayPort video input Horizontal: 55 - 90 KHz Vertical: 50 - 76 Hz

RGB Light Strip Port Definition

Connector Mode：C3030-2X02AW(5557-3.0-4P Double row 90 degree curved needle)

Connector 1		Connector 2[1]		Connector 3[2]		Connector 4[3]	
④(GND)	③(SCI)	④(GND)	③(C0)	④(GND)	③(CI)	④(GND)	③(CO)[4]
②(DI)	①(5V)	②(DO)	①(5V)	②(DI)	①(5V)	②(DO)[4]	①(5V)

Note1:The pin of the connector 2 is connected to tail end of the first RGB light strip

	Note2:The pin of the connector 3 is connected to beginning of the second RGB light strip
	Note3:The pin of the connector 4 is connected to tail end of the second RGB light strip
	Note4:If it's just a single machine,the DO and CO pin of connector 4 don't need to be connected
	Note5:The 5V and GND pin of all connectors must be connected to controller's 5V and GND
Power Supply	External DC - Optional power brick (sold separately) Input voltage range：100-240 VAC Input frequency：50-60 Hz Output Voltage：12VDC +/- 5% RGB Input Voltage：5VDC
Power Consumption (Typical)	ON (Default - 80% Brightness): 30W SLEEP FROM PC (monitor + adapter): 0.3W OFF (monitor + adapter): 0.2W RGB Strip:Max 21.5W
Temperature	Operating : 0℃ ～40℃（32℉ ～104℉）; Storage: -20℃ ～60℃（-4℉ ～140℉）
Humidity	Operating: 20% - 80%RH; Storage: 10% - 95%RH
Weight	Unpackaged：13.5 kg；Packaged: 15.4 kg
Product Dimensions	775.8 mm（L）x 545.8 mm（W）x 53.1 mm（H）
Shipping Box Dimensions	850 mm（L）x 605 mm（W）x 210 mm（H）
Mounting Options	200x200mm VESA mount on rear of unit. 2 Hole mounting interface on all four sides. Flush mount with included brackets.
Compliance	ESD:15 kV air / 8 kV contact ESD compliant IK08 impact compliant
Warranty	2-year
MTBF	50,000h
Regulatory approvals and declarations	CE or other according to customer requirements
Accessory for options	HDMI cable, VGA cable, OSD remote, Touch USB cable, OSD cable, DC-Power, Quick Install Guide, RGB cable, RGB remote "L" (Side Mount) Brackets and w/Screws