

# 27"

## RGB Led Touch Monitor



### DG2705-0140-C814-B0

Open Frame RGB Led Touch Monitor



Multi-touch

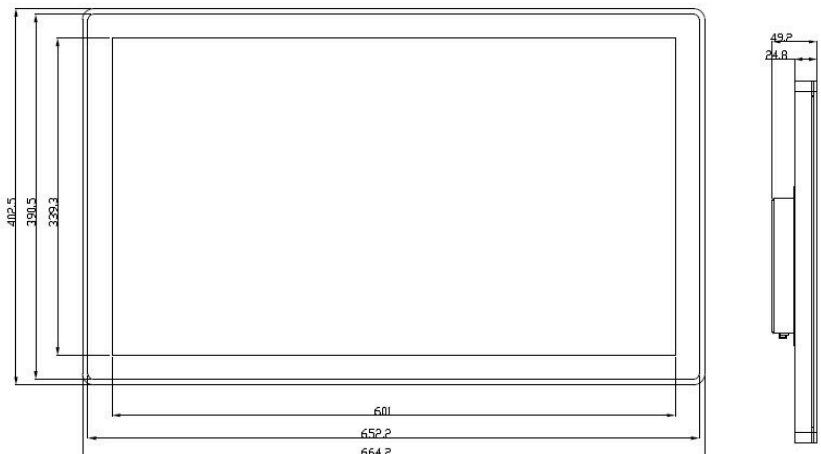
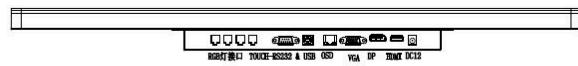


with FRAME

PCAP

## Application

- 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. 178°(h) x 178°(v) visible angle, no matter mounted in landscape or portrait, also have optimal clarity and the viewing experience.
4. A RGB light strip surrounds the edges of the machine.
5. High-definition LCD displays offer superior high-definition interactivity, clarity and resolution.
6. 2-year warranty.

\*Monitor Compatible with O/S, Windows / Android / Linux

\*Monitor available in touch and non-touch versions, from 21,5" to 43"

## Specifications

Part number	DG2705-0140-C814-B0																								
Enclosure color	Black																								
Active area	597.60 mm (H) x 336.15 mm (V) / 23.52" x 13.23"																								
Diagonal Size	27.0 inch																								
Aspect Ratio	16:9																								
Resolution	1920(H) × 1080(V)																								
Other Supported Resolutions	1280x1024 60Hz; 1366x768 60Hz, 60Hz RB; 1440x900 60Hz, 60Hz RB; 1680x1050 60Hz, 60Hz RB;																								
Number of Colors	16.7M																								
Brightness (typical)	LCD panel: 300 nits																								
Response Time (typical)	12ms																								
Viewing Angle	89° /178° (H) ; 89° /178° (V)																								
Contrast Ratio	3000:1																								
RGB Light PCB	A RGB light PCB on the each sides of the machine																								
On Screen Display	<p>Accessible through switches on the unit's tethered OSD Control box.</p> <p>Controls: Menu, Up, Down, Select, Power</p> <p>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</p> <p>Languages: English, French, Italian, German, Spanish, Simplified Chinese, Traditional Chinese, Japanese, Russian, Korean</p>																								
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	<p>HDMI V1.3 Type A receptacle for HDMI input</p> <p>Analog VGA on Female DB-15 connector</p> <p>DisplayPort V1.1a - Supports later versions of DisplayPort video input</p> <p>Horizontal: 55 - 90 KHz</p> <p>Vertical: 50 - 76 Hz</p>																								
RGB Light PCB Port Definition	<p>Connector Mode: C3030-2X02AW(5557-3.0-4P Double row 90 degree curved needle)</p> <table border="1"> <thead> <tr> <th colspan="2">Connector 1<sup>1</sup></th> <th colspan="2">Connector 2</th> <th colspan="2">Connector 3</th> <th colspan="2">Connector 4<sup>2</sup></th> </tr> </thead> <tbody> <tr> <td>④(GND)</td> <td>③(NC)</td> <td>④(NC)</td> <td>③(NC)</td> <td>④(NC)</td> <td>③(NC)</td> <td>④(GND)</td> <td>③(NC)</td> </tr> <tr> <td>②(DI)</td> <td>①(12V)</td> <td>②(NC)</td> <td>①(NC)</td> <td>②(NC)</td> <td>①(NC)</td> <td>②(NC)</td> <td>①(12V)</td> </tr> </tbody> </table>  <p>Note1: The pin of the connector 1 is input port of the RGB light strip</p> <p>Note2: The 12V and GND pin of all connectors must be connected to controller's 12V and GND</p>	Connector 1 <sup>1</sup>		Connector 2		Connector 3		Connector 4 <sup>2</sup>		④(GND)	③(NC)	④(NC)	③(NC)	④(NC)	③(NC)	④(GND)	③(NC)	②(DI)	①(12V)	②(NC)	①(NC)	②(NC)	①(NC)	②(NC)	①(12V)
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Power Supply	<p>Input voltage: 12VDC +/- 5%</p> <p>RGB Input Voltage: 12VDC</p>																								

Power Consumption (Typical)	ON (Default - 80% Brightness): 21W ON (Max - 100% Brightness): 23W SLEEP FROM PC (monitor + adapter): 0.3W OFF (monitor + adapter): 0.2W RGB PCB:Max 21W
Temperature	Operating : 0°C ~ 50°C ( 32°F ~ 122°F ) ; Storage: -20°C ~ 60°C ( -4°F ~ 140°F )
Humidity	Operating: 5% - 90%RH; Storage: 5% - 90%RH
Weight	Unpackaged: 9.4 KG; Packaged: 10.9 KG
Product Dimensions	664.2 mm ( L ) x 402.5 mm ( W ) x 49.2 mm ( H )
Shipping Box Dimensions	770 mm ( L ) x 520 mm ( W ) x 150 mm ( H )
Mounting Options	100x100mm 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	40,000h
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 remote, “L” (Side Mount) Brackets and w/Screws