

TS86KR12



Touch Screen

Commercial Monitor

This premium line of IR touch screens delivers on both performance and appearance. Each model can be configured upon request to fit into wall pockets, tables, or other fixtures.



Highlights

Customizable housing.



12pt Infrared (IR) touch.



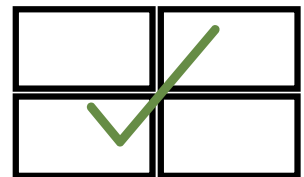
"Secure-Ready" = No NFC, RF, WiFi, or embedded computing.



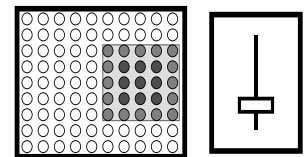
24/7-rated.



Video wall-capable (DP output and video wall mode).



Local dimming.



Specifications

Panel Attributes

Panel Technology	Commercial-grade IPS LED-LCD
Surface Treatment	Hard coating (3H), Anti-glare treatment of the front polarizer (Haze 28% typ.)
Screen Size (diag.)	86"
Native Resolution	3840 x 2160
Active Area (mm)	1922.2 x 1093.2
Brightness (typ.)	500nit
Contrast Ratio (typ.) / DCR	1,100:1 / 1,000,000:1
Displayable Colors	10bit(D), 1.07 Billion colors
Viewing Angle	178° / 178°
Aspect Ratio	16:9
Refresh Rate	60Hz

Dimensions, Power & Other

Display Dimensions (W x H x D) + Weight	76.05 x 43.4 x 3.5 (in) - 214lbs
Packed Dimensions (W x H x D) + Weight	83.46 x 52.05 x 12.60 (in) - 236lbs
Display Orientation	Landscape or Portrait
Heat Output (BTU/hr)	938
Mounting Pattern (mm)	600 x 400
Electrical Ratings	AC 100 - 240V (50/60Hz)
Power Consumption (typ.)	275W
Standby Power Consumption	<1W
Operating Temperature	32°F - 122°F
Operating Humidity Range	20~90%
Industrial Reliability	50,000+ Hours
Usage Ratings (hrs/days)	24/7**
Warranty	Two Years (parts & labor)

**Consult with GPO Display regarding best practices for preventing image retention and for prolonging display lifetime.

Specifications

Touch Specification

Technology	Projected Capacitive Touch
Glass	5mm AG Coated Tempered Glass
Simultaneous Touch Points	12 pt
Touch Accuracy	2mm
Response Time	16ms
Interface	USB 2.0, HID-Compliant, Plug & Play
Supported OS	Windows / Android / Mac* / Linux (1pt)
Detection Method	Finger, gloved hand or any other pointer
Min. Touch Object Size	9mm

*Drivers may be required for Mac OS. Contact GPO Display for more information.

Connectivity

HDMI	3 x Input
DisplayPort	2 x Input, 1 x Output
RS-232	1 x Input, 1 x Output
AC Power Inlet	1
Audio	1 x 3.5mm Out, Built-in Speaker 10W x 2

Accessories:

- RS-232 cable x1
- DP cable x1
- AC power cord x1
- Remote control x1
- Batteries for remote control

Includes:

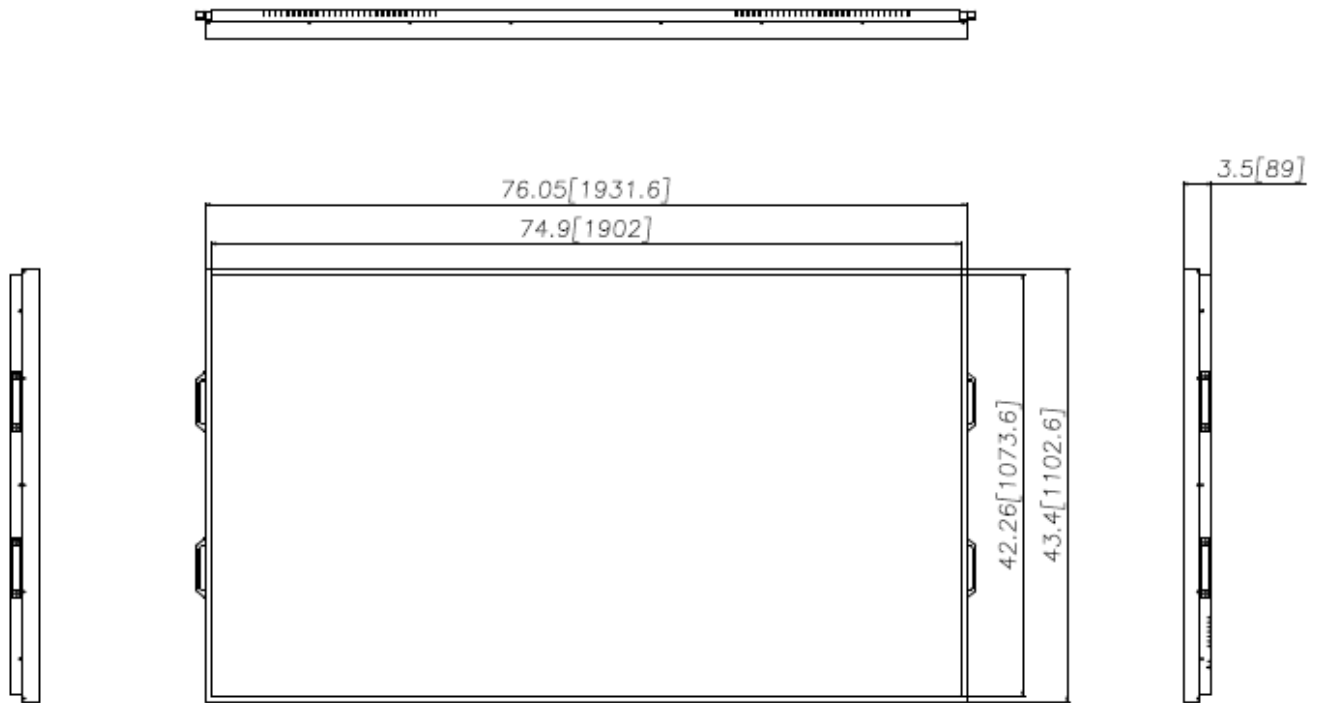
- Serial control software

Options:

- Custom logos
- Custom housing colors
- Anti-Glare protective glass
- Tempered glass

Drawings

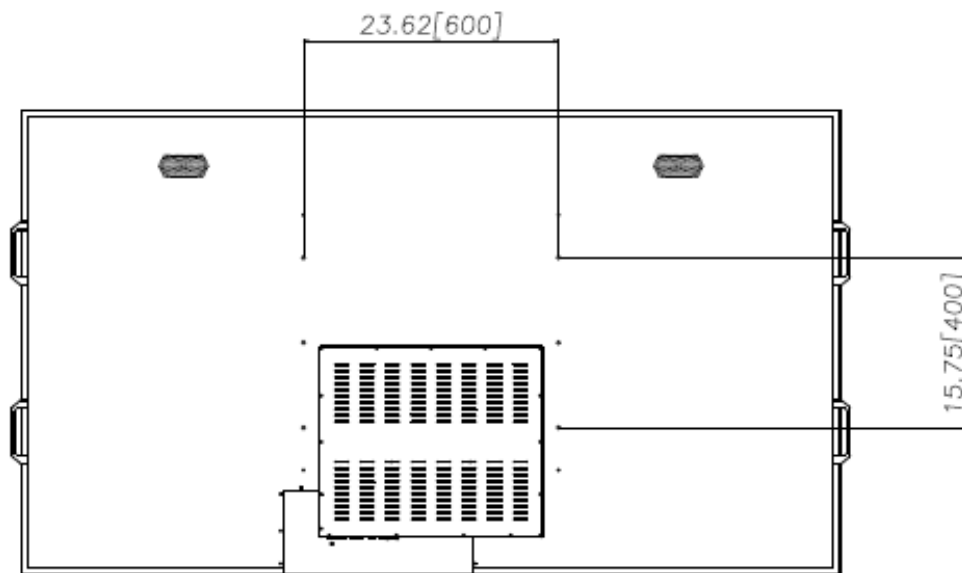
Front View



Side handles are removed after installation



Rear View



Product specification and design are subject to change without notice.

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