GPO DISPLAY

Visual solutions created for *you*

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.

TAA COMPLIANT

ASSEMBLED IN THE USA

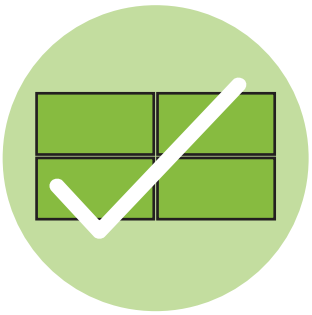
Highlights

Housing
Sleek, unbranded, black powder-coated metal

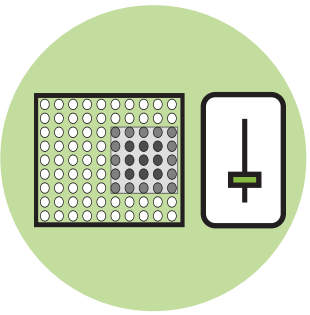
Touch
Up to 20pt Infrared (IR) touch

Secure-Ready
No NFC, RF, WiFi, Bluetooth or embedded computing

24/7 Rated
For demanding applications



Video Wall-Capable
DP output and video wall mode



Dimming
Local dimming available

Specifications

Panel Attributes

Panel Technology	Commercial-grade LED-LCD
Surface Treatment	Hard coating (2H), Anti-glare treatment (Haze 28%)
Screen Size (diag.)	86”
Native Resolution	3840 × 2160
Active Area (mm)	1895.04 × 1065.96
Brightness (typ.)	500nit
Contrast Ratio (typ.)	1,100:1
Displayable Colors	1.07 Billion, 10-bit(D)
Viewing Angle	178° / 178°
Aspect Ratio	16:9
Refresh Rate (typ.)	120Hz

Dimensions, Power & Other

Display Dimensions (W x H x D) + Weight	77.31 × 44.67 × 3.37 (in) - 214 lbs
Packed Dimensions (W x H x D) + Weight	83.46 × 52.05 × 12.60 (in) - 236 lbs
Display Orientation	Landscape or Portrait
Heat Output (BTU/hr)	938
Mounting Pattern (mm)	600 × 400
Electrical Ratings	AC 100–240V (50/60Hz)
Power Consumption (max.)	302W
Standby Power Consumption	<1W
Operating Temperature	32°F–122°F
Operating Humidity Range	10~90%
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	Infrared Touch
Glass	5mm AG Coated Tempered Glass
Simultaneous Touch Points	Up to 20pt
Touch Accuracy	2mm
Response Time	5ms(1point) < Time < 15ms(20Point)
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	Single Touch : Ø 6 mm, Multi Touch : Ø 8 mm

**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
USB Type-A	1 x Touch; 1 x Service Use Only
RJ45 / LAN	1 x Input (for control & monitoring)
AC Power Inlet	1 x Input
Audio Out	1 x 3.5 mm Jack; Built-in Speaker 10 W x 2

Accessories:

- (1) RS-232 cable
- (1) HDMI cable
- (1) AC power cord
- (1) Remote control
- (2) AAA batteries for remote control

Includes:

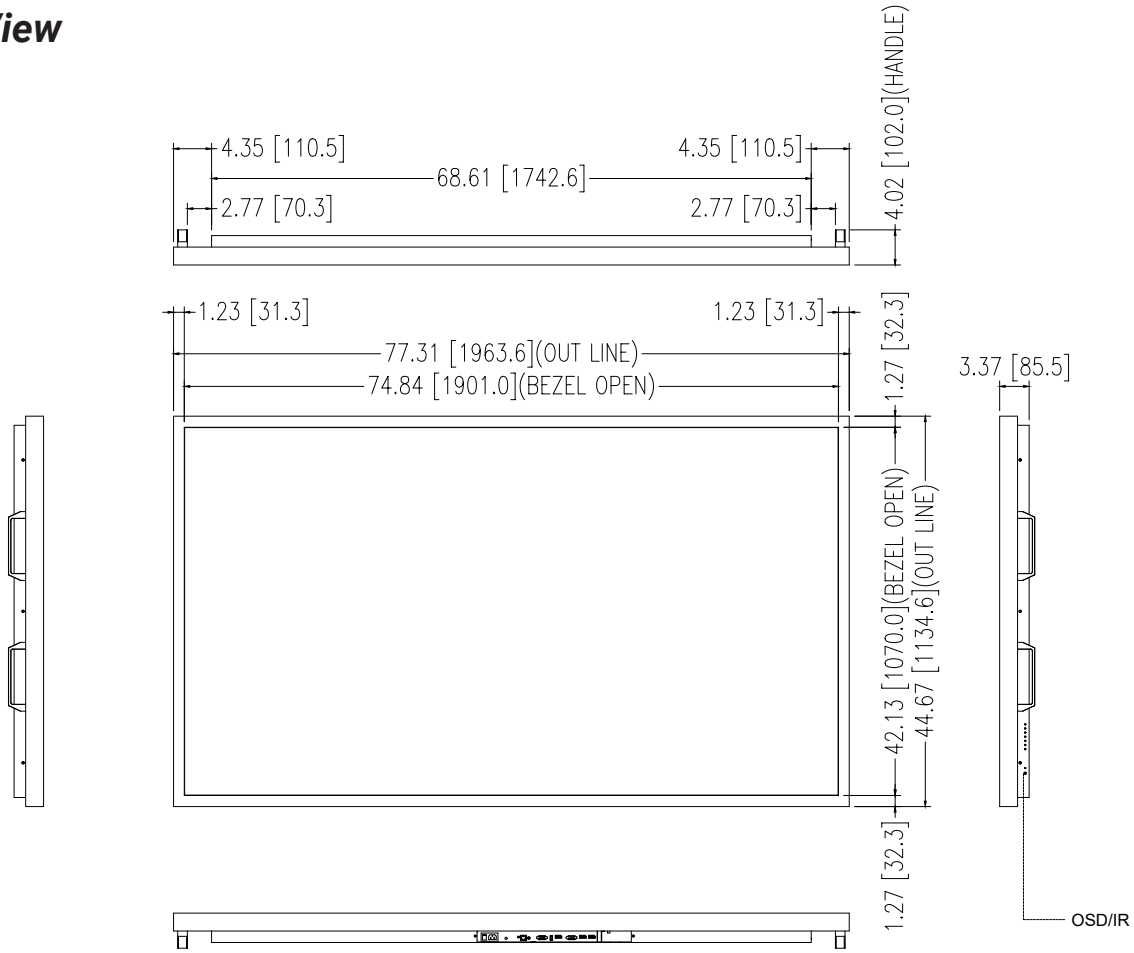
- Serial control software

Options:

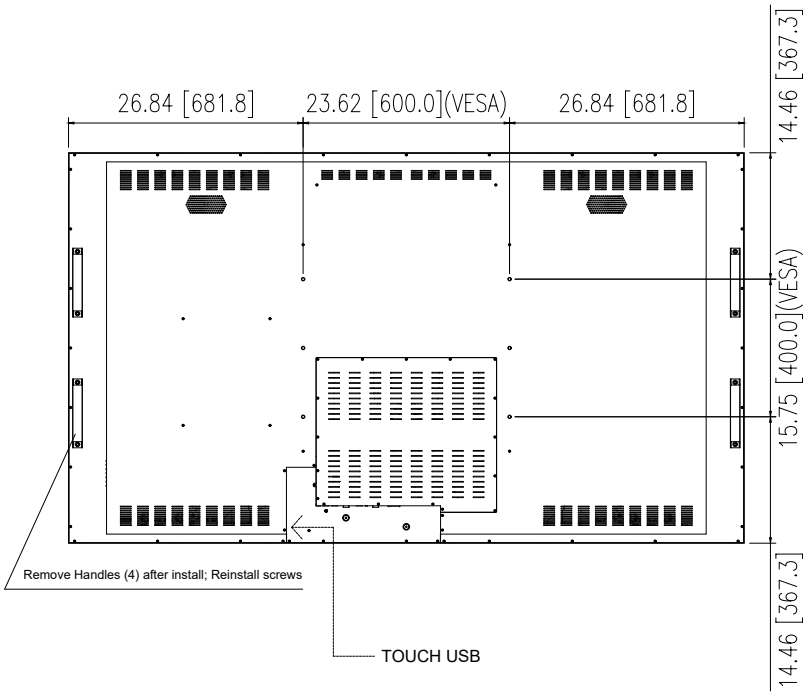
- Custom logos
- Custom housing colors
- Anti-Glare protective glass
- Tempered glass

Drawings

Front View



Rear View



Product specification and design are subject to change without notice.
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