P6105

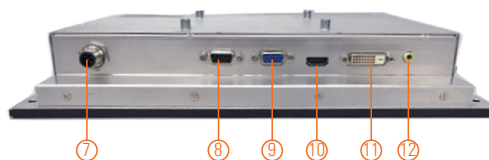10.4" XGA TFT EN 50155 Railway Touch Display (-25°C to +55°C)

Features

- EN 50155 certified monitor for railway application
- 10.4" high brightness XGA TFT touchscreen LCD
- Wide viewing angle and high brightness 500 nits
- VGA, DVI-D and HDMI with multiple video inputs
- Light sensor for auto-dimming (optional)
- 24 VDC or 110 VDC power input
- -25°C to +55°C wide temperature range
- Supports 5 OSD keys on the front panel

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1. Menu
2. SEL+
3. SEL-
4. Exit
5. Power LED
6. Power switch

▲ Side view

EN50155

7. DC power input
8. 1 x RS-232 (touch & remote control)
9. 1 x VGA
10. 1 x HDMI
11. DVI-D
12. Line-in
13. Speaker

Introduction

The EN 50155 railway touch display P6105 adopts a 10.4-inch XGA TFT LCD with 500 nits brightness and a 5-wire resistive touch screeen with IP65-rated aluminum front bezel to provide protection of liquad damage and user friendly control interface.

Wide Temperature (-25°C to +55°C)
The Axiomtek 10.4-inch railway touch monitor adopts extended temperature technology with a wide range from -25°C to +55°C and fanless cooling system as well as super compact design for transportation & harsh environment.

High brightness 500 nits with wide viewing angle
The railway grade EN 50155 touchscreen display P6105 adopts a high brightness 500 nits 10.4-inch LCD with sunlight readable technology. The screen is legible even under strong sunlight and is readable under skies outdoor in parking lots and more. With its wide viewing angle, user won't miss information on the display.

Anti-vibration for railway
With an anti-vibration design and EN 50155 class T1 certification, the Axiomtek rugged 10.4" railway touch display can work perfectly on the train.

Specifications

Front Bezel	NEMA 4/12 (IP65)-compliant, metal front bezel	
LCD Panel	Display Type	10.4" TFT XGA LCD
	Max. Resolution	1024 x 768
	Max. Colors	16.2M/262k
	Active Area (mm)	210.4 (H) x 157.8 (V)
	Pixel Pitch (mm)	0.0685 (H) x 0.2055 (V)
	Response Time	25ms
	Backlight	LED
	Backlight MTBF	50,000 hrs
	Viewing Angle (H/V)	176°/176°
	Contrast Ratio	1000 (TYP.)
	Brightness (cd/m^2)	500 nits
Display Control	OSD (on screen display)	
Display Mode	VGA 640 x 480 (60/72 Hz) SVGA 800 x 600 (60/72 Hz) XGA 1024 x 768 (60/72 Hz)	
Input Signal	VGA HDMI DVI-D RS-232 for touchscreen and IR remote control	

Specifications

I/O Connectors	1 x RS-232 for touchscreen and remote control 1 x HDMI 1 x DVI-D 1 x DC power input 1 x VGA 1 x Line-in
Power Supply	24 VDC or 110 VDC power input
Power Consumption	24V, 16W
Touchscreen	Thickness Resistive: 2.2 mm Light Transmission Resistive: 80% Power Consumption Resistive: +5V @ 100mA Touch Life Resistive: 35 million touches Controller Interface: RS-232 D-type 9-pin male connector
Dimensions	310 mm (12.20") (W) x 49 mm (1.94") (D) x 214 mm (8.43") (H)
Packing Dimensions	372 mm (14.65") (W) x 175 mm (6.89") (W) x 412 mm (16.2") (H)
Weight (net/gross)	2.2 kg (4.85 lb) /3.45 kg (7.61 lb)
Operating Temperature	-25°C to +55°C (-13°F to +131°F)
Relative Humidity	20% to 90% @ +40°C, non-condensing
Certifications	CE, EN 50155

Packing List

1 x P6105 unit
1 x VGA cable
1 x RS-232 cable (for resisitve touch)

Ordering Information

P6105PR-24VDC with VGA	10.4" XGA railway touch display with EN 50155 and 24 VDC power input
P6105PR-110VDC with VGA	10.4" XGA railway touch display with EN 50155 and 110 VDC power input

*Specifications and certifications may vary based on different requirements.

Optional Accessories

5946L203800E	HDMI cable
59461713400E	DVI cable

▲ Raer view

Dimensions