

P710

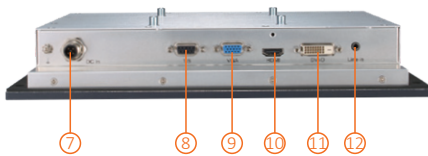
10.4" XGA TFT LCD Railway Touchscreen Monitor (-25°C to +55°C)



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

Features

- EN 50155, EN 45545-2 certified railway monitor
- 10.4" high brightness XGA TFT touchscreen LCD
- Wide viewing angle and high brightness of 500 nits
- Supports VGA, DVI-D and HDMI
- Light sensor for auto-dimming
- Typical 24 VDC to 110 VDC wide power input range
- -25°C to +55°C wide temperature range
- Supports 5 OSD keys on the front bezel



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



▲ Side view



▲ Rear view



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Introduction

The EN 50155 railway touchscreen monitor P710 adopts a 10.4-inch XGA TFT LCD with 500 nits brightness and a 5-wire resistive touchscreen with IP65-rated aluminum front bezel to provide water-proof and user friendly control interface.

The Axiomtek 10.4-inch railway touchscreen monitor adopts extended temperature technology with a wide range from -25°C to +55°C. Its fanless cooling system and compact designs are suited for rolling stock applications as well as other harsh environments.

500 nits High Brightness with Wide Viewing Angle

The railway grade P710 adopts a high brightness 500 nits 10.4-inch LCD with sunlight readable technology. The screen is legible even under strong sunlight. Additionally, with its wide viewing angle feature, users won't miss any information.

Anti-vibration for Railway

With an anti-vibration design and complied to EN 50155, EN 61373 Cat. 1 Class B, the Axiomtek rugged 10.4" railway touchscreen monitor can work perfectly on the train.

Specifications

Front Bezel	IP65-rated aluminum front bezel and IP40-rated rear protection	
LCD Panel	Display Type	10.4" TFT 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 (60/70 Hz)	
Input Signal	VGA	
	HDMI	
	DVI-D	
	RS-232 for touchscreen and IR remote control	
I/O Connectors	1 x RS-232 for touchscreen and remote control	
	1 x M12 DC-in	
	1 x DVI- D	
	1 x VGA	
	1 x HDMI	
	1 x Line-in	
Power Supply	Typical 24 VDC to 110 VDC	
Power Consumption	24-110VDC, 0.6-0.13A	
Touchscreen	Thickness	Resistive: 2.2 mm
	Light Transmission	Resistive: 80%
	Touch Life	Resistive: 35 million touches
	Controller Interface	RS-232 DB9 male connector
Dimensions	310 mm (12.20") (W) x 49.2 mm (1.94") (D) x 214 mm (8.43") (H)	
Packing Dimensions	392 mm (15.44") (W) x 195 mm (7.68") (D) x 447 mm (17.60") (H)	
Weight (net/gross)	1.85 kg (4.08 lb) / 3.29 kg (7.26 lb)	
Operating Temperature	-25°C to +55°C (-13°F to +131°F)	
Relative Humidity	20% to 90% @ +40°C, non-condensing	
Certifications	CE, FCC, EN 50155, EN 50121-3-2, EN 61373, and EN 45545-2 Certified	

Ordering Information

P710-RS1-M (P/N: E226710100)	10.4" XGA LCD railway touchscreen monitor with 24-110 VDC power input
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*Specifications and certifications may vary based on different requirements.

Packing List

1 x P710 unit
1 x RS-232 cable (for resistive touch)
1 x HDMI bracket
1 x Cable tie
1 x Cable clamp
2 x Screw M3*5L

Dimensions

