

# P710

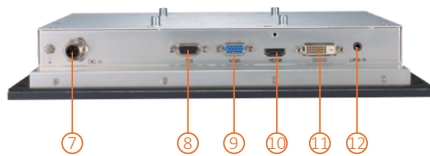
10.4" XGA TFT LCD Railway Touchscreen Monitor (-25°C to +55°C)



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



## 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.



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## 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 <sup>2</sup> )	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

