

# P710 NEW

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

## Features

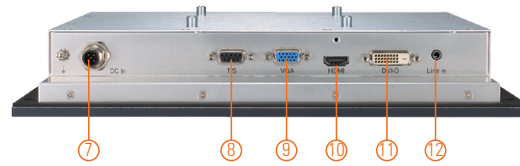
- EN 50155 and EN 45545 certified railway monitor
- 10.4" high brightness XGA TFT touchscreen LCD
- Wide viewing angle and a high brightness of 500 nits
- Supports VGA, DVI-D, and HDMI
- Light sensor for auto-dimming
- Typical 24 to 110 VDC wide power input range
- -25°C to +55°C wide temperature range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



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



▲ Side view



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

## Introduction

The EN 50155 certified 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.

### Wide Temperature (-25°C to +55°C)

The 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 the anti-vibration design and EN 50155 and EN 61373 Cat. 1 Class B complied the rugged 10.4" railway touchscreen monitor can work perfectly on a 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°
Display Control	Contrast Ratio	1000 (TYP.)
	Brightness (cd/m <sup>2</sup> )	500 nits
Display Control	OSD (on screen display)	
Input Signal	VGA	
	HDMI	
	DVI-D	
	Line-in	
	Multi-function of T/S & remote control	

## Specifications

I/O Connectors	1 x M12 A-coded Male 5-pin DC-in 1 x Multi-function of T/S & remote control 1 x DVI-D 1 x VGA 1 x HDMI 1 x Line-in
Power Supply	Typical 24 to 110 VDC
Power Consumption	24 to 110 VDC@0.6 to 0.13A
Touchscreen	5-wire resistive touchscreen Transparency: 80% Durability: 35 million times Controller interface: RS-232
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	10.4" XGA LCD railway touchscreen monitor with 24 to 110 VDC power input
(P/N: E226710100)	

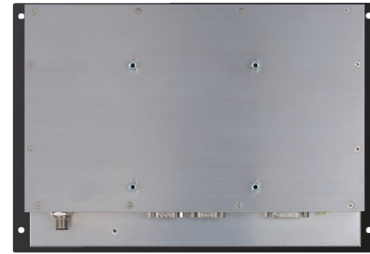
\*Specifications and certifications may vary based on different requirements.

## Optional Accessories

594B8120B30E	DC in cable M12 female 5P 180cm w/o ACC
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## 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



▲ Rear view

## Dimensions

