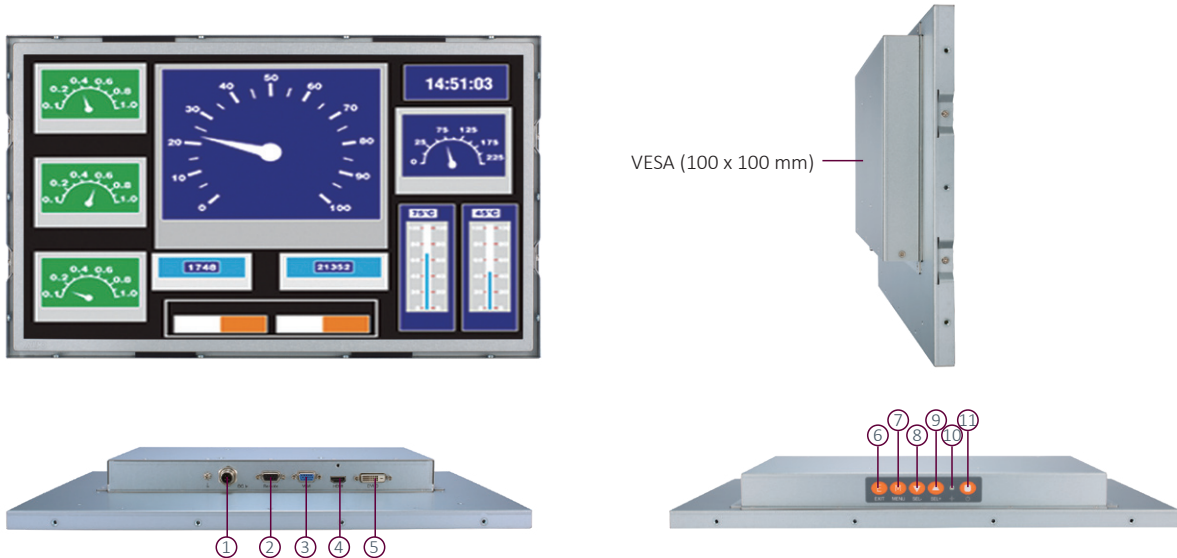


P7180 NEW

18.5" Full HD Open Frame Railway Monitor for Passenger Information System (PIS)



- | | | |
|----------------------------|----------|------------------|
| 1. DC power input | 5. DVI-D | 9. SEL+ |
| 2. RS-232 (remote control) | 6. Exit | 10. Power LED |
| 3. VGA | 7. Menu | 11. Power switch |
| 4. HDMI | 8. SEL- | |



EN 50155



Wide Temp.

Features

- EN 50155 compliance
- 18.5" Full HD TFT LCD
- Wide viewing angle and high brightness of 500 nits
- HDMI, DVI-D, and VGA video inputs
- Wide power input range of 24 to 110 VDC
- Supports VESA mount (100 x 100 mm)
- Operating temperature ranges from -25°C to +55°C
- Supports 5 OSD keys

Introduction

The P7180 is an EN 50155 compliant slim-type monitor that features an 18.5-inch Full HD TFT LCD display with 500 nits of brightness. It supports multiple video input interfaces, including HDMI, DVI-D, and VGA. With its compact design and support for VESA mounting, the P7180 is suitable for Passenger Information Systems (PIS) in railway environments.

Wide Temperature (-25°C to +55°C) & Wide DC Power Input

The P7180 supports a wide temperature range from -25°C to +55°C, making it suitable for harsh environments. Its fanless cooling system and wide range power input of 24V to 110V DC are ideal for railway applications and other demanding environments.

High-brightness 500 nits with Wide Viewing Angle

The railway-grade P7180 features an 18.5-inch TFT LCD display with 500 nits of brightness. Its wide viewing angle feature allows passengers to easily view information from any angle.

Anti-vibration for Railway

With its anti-vibration design and compliance with EN 50155 and EN 61373 Cat. 1 Class B standards, this rugged 18.5-inch railway monitor can operate flawlessly on rolling stock.



Specifications

Mounting	VESA mount (100 x 100 mm)	
LCD Panel	Display	18.5" TFT LCD
	Max. Resolution	1920 x 1080
	Max. Colors	16.7M colors (8-bit)
	Active Area (mm)	408.96 (H) x 203.04 (V)
	Pixel Pitch (mm)	0.213 x 0.213
	Response Time	20ms
	Backlight	LED
	Viewing Angle (H/V)	178°/178°
	Contrast Ratio	1000 (TYP.)
	Brightness (cd/m ²)	500 nits
Display Control	OSD (on screen display)	
Display Mode	720 x 400 70 Hz	
	640 x 480 60/72/75 Hz	
	800 x 600 56/60/72/75 Hz	
	1024 x 768 60/70/75 Hz	
	1280 x 720 60 Hz	
	1280 x 1024 60/75 Hz	
	1360 x 768 60 Hz	
	1440 x 900 60 Hz	
	1600 x 900 60 Hz	
	1680 x 1050 60 Hz	
1920 x 1080 60 Hz		
Input Signal	HDMI	
	VGA	
	DVI-D	
I/O Connectors	1 x M12 A-coded Male 5-pin DC-in	
	1 x Remote control	
	1 x DVI-D	
	1 x VGA	
	1 x HDMI	
Power Supply	24 to 110 VDC	
Dimensions (W x D x H)	442.6 x 46.2 x 266.8 mm (17.43" x 1.82" x 10.5")	
Packing Dimensions (W x D x H)	575 x 170 x 460 mm (22.63" x 6.69" x 18.11")	
Weight (net/gross)	3.41 kg (7.5 lb) /4.81 kg (10.6 lb)	
Operating Temperature	-25°C to +55°C (-13°F to +131°F)	
Relative Humidity	0% to 95% relative humidity @ +45°C-non condensing	
Certifications	CE, FCC, and EN 50155 compliant	

Ordering Information

P7180-1-M (P/N: E226718100)	18.5" full HD open frame railway monitor with 24 to 110 VDC power input for passenger information system
--------------------------------	--

Packing List

1 x P7180 unit
 1 x HDMI bracket
 1 x cable tie
 1 x screw M3*5L

Optional Accessories

594B8120B30E	DC in cable M12 female 5P 180 cm w/o ACC
E29R188100	ACC188-7180-01 JCBOXK (Junction Box kit)
E29R188101	ACC188-7180-02 WMK (wall mount kit)
509000002200	PWS 9NA0908344 FSP 90W (AC to DC adapter with M12 connector)

Dimensions

