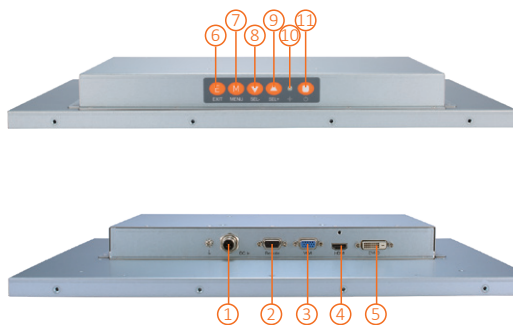


P7180 NEW

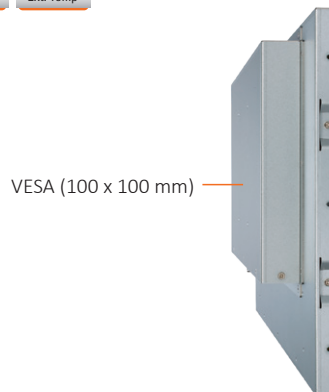
18.5" Full HD Open Frame Railway Monitor for Passenger Information System (PIS)



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

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
- 24 to 110 VDC power input
- Supports VESA mount (100 x 100 mm)
- -25°C to +55°C wide operating temperature range
- Supports 5 OSD keys



Introduction

The P7180 is an EN 50155 compliance and slim-type monitor, which adopts 18.5-inch Full HD TFT LCD display with 500 nits of brightness and supports multi-signal video-in interfaces including HDMI, DVI-D and VGA. With the compact mechanism design and supporting VESA mounting, the P7180 is proper for Passenger Information System (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. Its fanless cooling system and wide range power input of 24V to 110V DC are suited for railway application as well as other harsh environments.

High Brightness 500 nits with Wide Viewing Angle

The railway grade P7180 adopts a 18.5-inch TFT LCD display with 500 nits of brightness. With its wide viewing angle feature, passengers can easily view information from any angle.

Anti-vibration for Railway

With the anti-vibration design and EN 50155 and EN 61373 Cat. 1 Class B compliant, the rugged 18.5" railway monitor can work perfectly on the 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	720x400 70Hz	
	640x480 60Hz/72Hz/75Hz	
	800x600 56Hz/60Hz/72Hz/75Hz	
	1024x768 60Hz/70Hz/75Hz	
	1280x720 60Hz	
	1280x1024 60Hz/75Hz	
	1360x768 60Hz	
	1440x900 60Hz	
	1600x900 60Hz	
	1680x1050 60Hz	
	1920x1080 60Hz	
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	
Power Consumption	24-110VDC, 1.4-0.29A	
Dimensions	442.6 mm (17.43") (W) x 46.2 mm (1.82") (D) x 266.8 mm (10.5") (H)	
Packing Dimensions	575 mm (22.63") (W) x 170 mm (6.69") (D) x 460 mm (18.11") (H)	
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% - 95%@ 45°C-non condensing	
Certifications	CE, FCC, 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
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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 180cm w/o ACC
88267181010E	P7180 JUNCTION BOX Kit
88267181020E	P7180 Wall Mount Kit