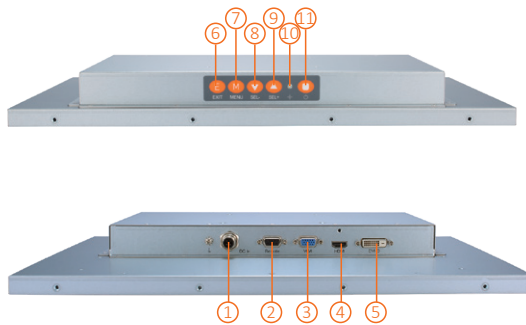


# P7180 NEW

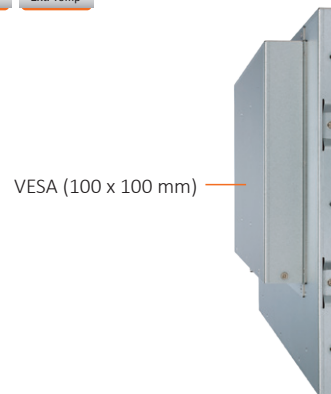
## 18.5" Full HD Open Frame Railway Monitor for Passenger Information System (PIS)



- |                                |              |                  |
|--------------------------------|--------------|------------------|
| 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 <sup>2</sup> )	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

## Dimensions

