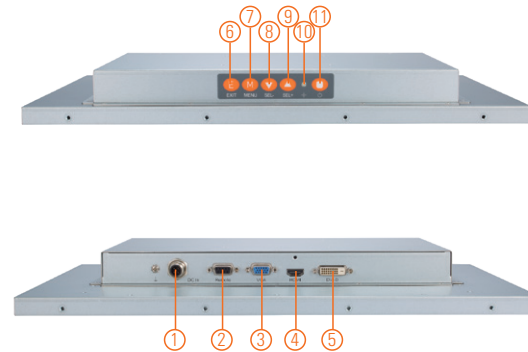


P7180 NEW

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

Features

- EN 50155, EN 45545 certified
- 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 arm (100 x 100 mm)
- -25°C to +55°C wide operating temperature range
- Supports 5 OSD keys



- | | | |
|--------------------------------|--------------|------------------|
| 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- | |



Introduction

The P7180 is a EN 50155 certified 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 arm (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 | |

Specifications

| | |
|-----------------------|--|
| 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 | 442.6 mm (17.43") (W) x 266.8 mm (10.5") (D) x 46.2 mm (1.82") (H) |
| Packing Dimensions | 575 mm (22.63") (W) x 170 mm (6.69") (D) x 460 mm (18.11") (H) |
| Weight (net/gross) | 3.41kg (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, EN 50121-3-2, EN 61373, and EN 45545-2 certified |

Packing List

- 1 x P7180 unit
- 1 x HDMI bracket
- 1 x Cable tie
- 1 x Cable clamp
- 2 x Screw M3*5L

Ordering Information

| | |
|-------|--|
| P7180 | 18.5" Full HD open frame railway monitor with 24 to 110 VDC power input for passenger information system |
|-------|--|

Optional Accessories

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

Dimensions

