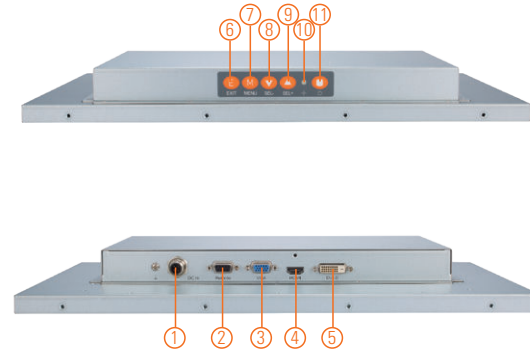# P718O   NEW

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

VESA (100 x 100 mm)

EN50155   Ext. Temp   EN45545-2

1. DC power input
2. 1 x RS-232 (remote control)
3. 1 x VGA
4. 1 x HDMI

5. 1 x DVI-D
6. Exit
7. Menu
8. SEL-

9. SEL+
10. Power LED
11. Power switch

Introduction

The P718O 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 P718O is proper for Passenger Information System (PIS) in railway environments.

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

The P718O 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 P718O 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/m²)	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	

Updated Sep. 20, 2022.   * All specifications and photos are subject to change without notice.   www.axiomtek.com   © 2022 Axiomtek Co., Ltd. All rights reserved.

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

322
Without Junction Box

322
With Junction Box

482.6(W)(With Wall Mount)
442.6(W)(With Wall Mount)
140   140
18.5"
266.8(H)(Without Wall Mount)
306.8(H)(With Wall Mount)
80 80 80
E22B718xxx

SCALE 0.600

46.2(D)
17
239
0.8

VESA Mount
4-M4 eff. thread L4
100
100