

# DG-HMI110

10" RAILWAY MONITOR



The DG-HMI110 VGA Railway Monitor is designed to provide a robust and versatile solution for rolling stock applications. Featuring a wide operating voltage range PSU and a purpose built enclosure, the DG-HMI110 is ideal for demanding vehicle installations and it is compliant with EN50155 and other relevant railway standards.

## HIGHLIGHTS

- ▶ ROLLING STOCK APPLICATIONS
- ▶ EN50155 COMPLIANT
- ▶ OPERATIONAL TEMPERATURE: -25°C/+85°C  
ACCORDING TO EN50155 - T3 CLASS
- ▶ WIDE OPERATING VOLTAGE RANGE
- ▶ TOUCHSCREEN VERSION AVAILABLE
- ▶ AUTOMATIC BRIGHTNESS ADJUSTMENT
- ▶ RATED IP 65 ON FRONT PANEL

## Technical Specifications

### APPROVALS/COMPLIANCE

Governing Standard:	EN 50155 Railway Applications (Electronic equipment used on rolling stock)
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### APPROVALS/COMPLIANCE (EMC)

Electromagnetic compatibility rolling stock apparatus:	EN 50121-3-2
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### APPROVALS/COMPLIANCE (ENVIRONMENT)

Environmental test:	EN60068-2-1
Guidelines for fire protection - Evaluation of fire behavior of materials:	UNI CEI 11170-3
Shock & Vibration:	EN 61373
Temperature range:	-25°C/+70°C (-25°C/+85°C for 10 minutes according to EN50155 -T3 class)

### DISPLAY

Colors:	256 K
Contrast:	600:1 (typ)
Luminance:	450 cd/m <sup>2</sup> (typ)
Resolution:	640 x 480 (VGA)
Size:	10.4"
Type:	LCD TFT color

### ENVIRONMENT

Front panel IP rating:	IP 65
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### INPUT SIGNALS

1x VGA input port 15 pin, High Density, D-SUB, female
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### PHYSICAL DATA

Back dimensions:	280 x 204 mm
Depth:	46 mm
Front dimensions:	310 x 214 mm

### POWER SUPPLY

Max consumption:	15 W
Voltage range:	14,4 ÷ 40 VDC 72/96/110VDC

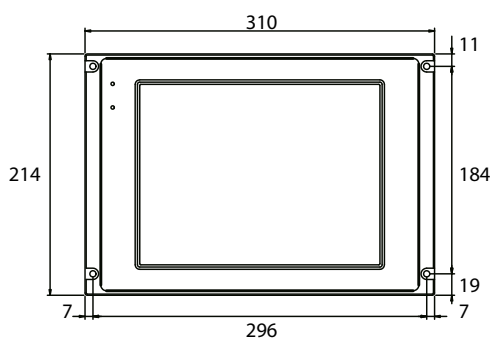


# DG-HMI110

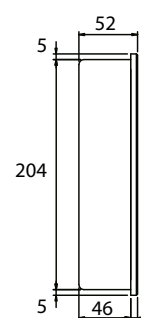
10" RAILWAY MONITOR



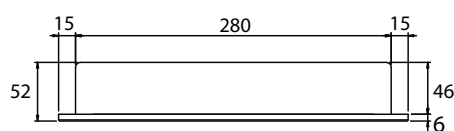
## Wall Mounting



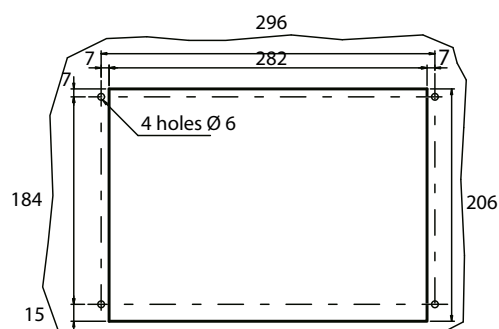
FRONT VIEW



SIDE VIEW



TOP VIEW



PANEL CUT OUT

## Ordering Codes

### DG-HMI110 24Vdc Version

**DG-HMI110M** VGA Railway Monitor, 24 Vdc

### DG-HMI110 72/96/110Vdc Version

**DG-HMI110N** VGA Railway Monitor, 72/96/110Vdc

### OPTIONS

**DM10TS** 10.4" resistive touch screen

### Connectors and cables:

**DM0068** M23 power connector + 2 pins

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