

IOM-06

TFT-monitor 6,4" openframe



Overview

- TFT / LCD monitor as openframe modul
- Screen diagonal 6,5"
- Connector RGB analog / DVI
- Optional video input
- Mounting via flanges
- Long term available
- Customization possible

Description

The openframe monitors of the IOM series are specially suitable for industrial use. The monitors can be integrated with existing front panels or control panels. The robust case enables use in the toughest environments in 24-hour operation. The standard units have an external wide range power supply, an analog VGA / DVI-D input. At the back of the monitor can be mounted on a VESA holder, or via the existing mounting plates can be integrated.

Technical data

Overview:

Industrial TFT monitor as openframe modul for control panel or control desk

Interfaces:

HD-SUB15 analog RGB, DVI-D
optional video input

Resolution:

max. 640x480

Adjustments:

via on-screen-menu

Brightness:

min. 400 cd/qm

Contrast:

600:1

Power supply:

12VDC, 100-240VAC via external Power supply

Mechanical dimension:

Case: about 176 x 130 x 49mm

Material:

Case: Steel

Ambient conditions:

Operating temperature 0-50°C

Storage temperature 0-65°C

Humidity: 10 - 80 % rel. humidity, not condensing

Norms

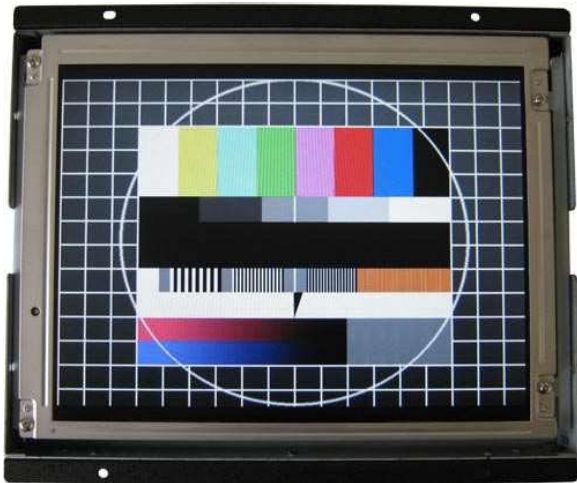
EN55022 EN55024 EN61010-1

Part number

10050368 IOM-06 6,5" openframe monitor

IOM-08

TFT-Monitor 8,4" Openframe Modul



overview:

- TFT / LCD monitor Openframe Modul
- screen diagonal 8,4"
- Interface RGB analog / DVI
- optional HDMI / DP
- mounting via brackets top / bottom
- longterm availability
- customizations possible

Description:

The Openframe monitors IOM-08 are specifically designed for use in industrial environments. The monitors can be integrated into existing front panels or control consoles using the mounting brackets. The robust housing allows operation even in the harshest environments in 24-hour continuous use. The standard units feature an external wide-range power supply and an analog VGA / DVI input. On the rear side, the monitor can be mounted using a VESA mount.

technical data:

overview:

8,4" industrial TFT / LCD monitor Openframe-Modul for control panels and control desks

Resolution:

max. 800x600

Brightness:

min. 350cd/qm

Contrast:

600:1

Interface:

VGA DVI, optional HDMI / DP

Adjustments:

via On Screen Menü

MTBF:

Backlights min. 35000h

controls:

Touchscreen (Option)

power supply

12 VDC via external Power adapter

mechanical dimensions:

case with brackets: about 216 x 183 x 59mm

material:

case: steel

environmental conditions:

operating: 0-50°C

storage 0-65°C

humidity: 10 - 80 % rel. humidity

not condensing

norms:

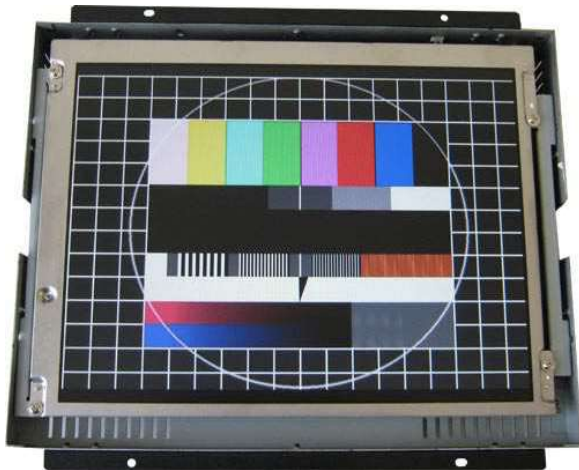
EMV: EN55022 EN55024 EN61010-1

part number:

10050345 IOM-08 8,4" Openframe Monitor

IOM-10

TFT-Monitor 10,4“ Openframe Modul



overview:

- TFT / LCD monitor Openframe Modul
- screen diagonal 10,4”
- Interface RGB analog / DVI
- optional HDMI / DP
- mounting via brackets top / bottom
- longterm availability
- customizations possible

Description:

The Openframe monitors IOM-10 are specifically designed for use in industrial environments. The monitors can be integrated into existing front panels or control consoles using the mounting brackets. The robust housing allows operation even in the harshest environments in 24-hour continuous use. The standard units feature an external wide-range power supply and an analog VGA / DVI input. On the rear side, the monitor can be mounted using a VESA mount.

technical data:

overview:

10,4“ industrial TFT / LCD monitor Openframe-Modul for control panels and control desks

Resolution:

max. 800x600

Brightness:

min. 350cd/qm

Contrast:

600:1

Interface:

VGA DVI, optional HDMI / DP

Adjustments:

via On Screen Menü

MTBF:

Backlights min. 35000h

controls:

Touchscreen (Option)

power supply

12 VDC via external Power adapter

mechanical dimensions:

case with brackets: about 260 x 219 x 65mm

material:

case: steel

environmental conditions:

operating: 0-50°C

storage 0-65°C

humidity: 10 - 80 % rel. humidity

not condensing

norms:

EMV: EN55022 EN55024 EN61010-1

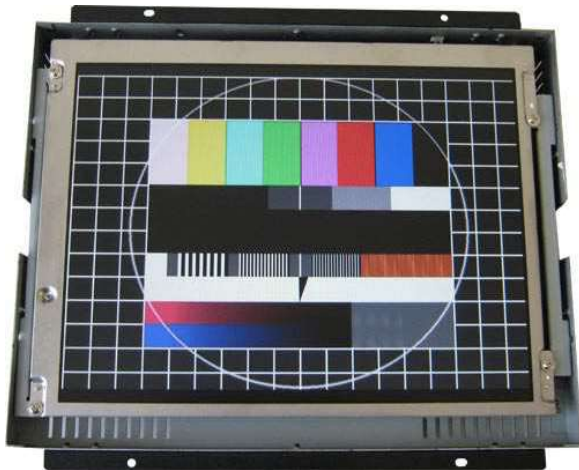
part number:

10050340 IOM-10 10,4“ Openframe-Monitor SVGA 800 x 600

10050502 Option Touchscreen 12” USB

IOM-12

TFT-Monitor 12,1" Openframe Modul



overview:

- TFT / LCD monitor Openframe Modul
- screen diagonal 12,1"
- Interface RGB analog / DVI
- optional HDMI / DP
- mounting via brackets top / bottom
- longterm availability
- customizations possible

Description:

The Openframe monitors IOM-12 are specifically designed for use in industrial environments. The monitors can be integrated into existing front panels or control consoles using the mounting brackets. The robust housing allows operation even in the harshest environments in 24-hour continuous use. The standard units feature an external wide-range power supply and an analog VGA / DVI input. On the rear side, the monitor can be mounted using a VESA mount.

technical data:

overview:

12,1" industrial TFT / LCD monitor Openframe-Modul for control panels and control desks

Resolution:

max. 800x600 or 1024x768

Brightness:

min. 250cd/qm

Contrast:

600:1

Interface:

VGA DVI, optional HDMI / DP

Adjustments:

via On Screen Menü

MTBF:

Backlights min. 35000h

controls:

Touchscreen (Option)

power supply

12 VDC via external Power adapter

mechanical dimensions:

case with brackets: about 300 x 258 x 55mm

material:

case: steel

environmental conditions:

operating: 0-50°C

storage 0-65°C

humidity: 10 - 80 % rel. humidity

not condensing

norms:

EMV: EN55022 EN55024 EN61010-1

part number:

10050333	IOM-12-1 12" Openframe-Monitor SVGA 800 x 600
10050334	IOM-12-2, 12" Openframe-Monitor XGA 1024 x 768
10050503	Option Touchscreen 12" RS232
10050504	Option Touchscreen 12" USB

IOM-15W

TFT-Monitor 15" Openframe Modul



overview:

- TFT / LCD monitor Openframe Modul
- screen diagonal 15"
- Interface RGB analog / DVI and HDMI
- wideangledisplay 178°
- mounting via brackets
- optional touchscreen
- customizations possible

Description:

The IOM-15W open-frame monitors are designed for use in industrial applications. They can be easily integrated into existing front panels or control consoles. The robust steel sheet housing with integrated control electronics and power supply enables reliable operation even in harsh environments and supports 24/7 continuous operation. Standard units are equipped with a 230 VAC Phoenix connector and VGA, DVI, and HDMI inputs. Versions with a 9–36 VDC wide-range power supply are available as an option.

technical data:

overview:

15" industrial TFT / LCD monitor Openframe-Modul for control panels and control desks

Resolution:

max. 1024x768

Brightness:

min. 350cd/qm

Contrast:

1000:1

Interface:

VGA DVI, HDMI , optional DP

Adjustments:

via On Screen Menü

MTBF:

Backlights min. 35000h

controls:

Touchscreen (Option)

power supply

115/230 VAC Phoenixconnector

mechanical dimensions:

case with brackets: about 367 x 292 x 58mm

material:

case: steel

environmental conditions:

operating: 0-50°C

storage 0-65°C

humidity: 10 - 80 % rel. humidity

not condensing

norms:

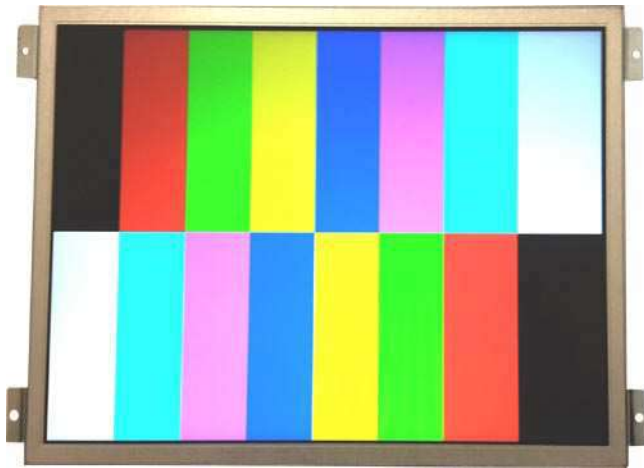
EMV: EN55022 EN55024 EN61010-1

part number:

10050430	IOM-15 1" Openframe-Monitor 230VAC
10050433	IOM-15 15" Openframe-Monitor 9-36VDC
10050534	Option Touchscreen 15" USB

IOM-15-2

TFT-Monitor 15" Openframe Modul



overview:

- TFT / LCD monitor Openframe Modul
- screen diagonal 15"
- Interface RGB analog and DVI
- mounting via brackets
- 12VDC via external power adapter
- on-screen-menu
- customizations possible

Description:

The IOM-15-2 open-frame monitors are designed for use in industrial applications. They can be easily integrated into existing front panels or control consoles. The robust steel sheet housing with integrated control electronics and power supply enables reliable operation even in harsh environments and supports 24/7 continuous operation. Standard units are equipped with VGA and DVI inputs.

technical data:

overview:

15" industrial TFT / LCD monitor Openframe-Modul for control panels and control desks

Resolution:

max. 1024x768

Brightness:

min. 400cd/qm

Contrast:

500:1

Interface:

VGA , DVI

Adjustments:

via On Screen Menü

MTBF:

Backlights min. 35000h

power supply

12VDC via external power adapter

mechanical dimensions:

case with brackets: about 348 x 255 x 40mm

material:

case: steel

environmental conditions:

operating: 0-50°C

storage 0-65°C

humidity: 10 - 80 % rel. humidity

not condensing

norms:

EMV: EN55022 EN55024 EN61010-1

part number:

100504339 IOM-15-2 15" Openframe-Monitor 12VDC

IOM-17

TFT-monitor 17" openframe



Overview

- TFT / LCD monitor as openframe
- Screen diagonal 17"
- Connector RGB analog and DVI
- optional Video input
- optional resistive Touchscreen
- Long-term availability
- Customization available

Description

The openframe monitors of the IOM series are specially suitable for industrial use.

The monitors can be integrated with existing front panels or control panels.

the robust case enables use in the toughest environments in 24-hour operation.

The standard units have an external wide range power supply, an analog VGA / DVI-D input.

At the back of the monitor can be mounted on a VESA holder, or via the existing mounting plates can be integrated.

Technical data

Overview:

Industrial TFT monitor as openframe modul for control panel or control desk

Interfaces:

HD-SUB15 analog RGB, DVI
optional video input

Resolution:

IOM17: max 1280x1024

Adjustments:

via on-screen-menu

Brightness:

min. 400 cd/qm

Contrast:

500:1

Power supply:

115/230VAC, optional 12 or 24VDC via external power supply / converter

MTBF:

Backlights min.35000h

Control elements:

Touchscreen resistive (option)

Mechanical dimension:

Case: about 378 x 316 x 65 mm

Material:

Case: aluminium

Ambient conditions:

Operating temperature 0-45°C

Storage temperature 0-65°C

Humidity: 10 - 80 % rel. humidity, not condensing

Norms:

EN55022 EN55024 EN61010-1

Part number

10050336	IOM-17, 17 "openframe monitor SXGA
10050353	IOM-17RT 17" openframe monitor with touchscreen
10050507	option touchscreen 17" RS232

IOM-19W

TFT-Monitor 19" Openframe Modul



overview:

- TFT / LCD monitor Openframe Modul
- screen diagonal 19"
- Interface RGB analog / DVI and HDMI
- wideangledisplay 178°
- mounting via brackets
- optional touchscreen
- customizations possible

Description:

The IOM-19W open-frame monitors are designed for use in industrial applications. They can be easily integrated into existing front panels or control consoles. The robust steel sheet housing with integrated control electronics and power supply enables reliable operation even in harsh environments and supports 24/7 continuous operation. Standard units are equipped with a 230 VAC Phoenix connector and VGA, DVI, and HDMI inputs. Versions with a 9–36 VDC wide-range power supply are available as an option.

technical data:

overview:

19" industrial TFT / LCD monitor Openframe-Modul for control panels and control desks

Resolution:

max. 1280x1024

Brightness:

min. 250cd/qm

Contrast:

1000:1

Interface:

VGA DVI, HDMI , optional DP

Adjustments:

via On Screen Menü

MTBF:

Backlights min. 35000h

controls:

Touchscreen (Option)

power supply

115/230 VAC Phoenixconnector

mechanical dimensions:

case with brackets: about 422 x 370 x 60mm

material:

case: steel

environmental conditions:

operating: 0-50°C

storage 0-65°C

humidity: 10 - 80 % rel. humidity

not condensing

norms:

EMV: EN55022 EN55024 EN61010-1

part number:

10050431 IOM-19 19" Openframe-Monitor 230VAC

10050432 IOM-19 19" Openframe-Monitor 9-36VDC

10050533 Option Touchscreen 19" USB

IOM-21

TFT-monitor 21,5" openframe



Overview:

- TFT monitor as openframe
- screen diagonale 21,5", widescreen 16:9
- Connector RGB analog and DVI
- low-reflection
- optional resistive touchscreen
- VESA-100 preparation backside
- Customized available

Description

The openframe monitors of the IOM series are specially suitable for industrial use.

The monitors can be integrated with existing front panels or control panels.

the robust case enables use in the toughest environments in 24-hour operation.

The standard units have an external wide range power supply, an analog VGA / DVI-D input.

At the back of the monitor can be mounted on a VESA holder, or via the existing mounting plates can be integrated.

Technical data

Overview:

Industrial TFT monitor as openframe modul for control panel or control desk

Interfaces:

HD-SUB15 analog RGB, DVI
optional video input

Resolution:

IOM-21: max 1920x1080

Adjustments:

via on-screen-menu

Brightness:

min. 300 cd/qm

Contrast:

1000:1

Power supply:

90-230VAC

MTBF:

LED min. 50000h

Control elementa:

Touchscreen resistiv (option)

Mechanical dimension:

Case with Flanges: about 550 x 334 x 63mm

Case without Flanges: about 532 x 318 x 63mm

Material:

Case: Steel

Ambient conditions:

Operating temperature 0-45°C

Storage temperature 0-65°C

Humidity: 10 - 80 % rel. humidity, not condensing

Norms:

EN55022 EN55024 EN61010-1

Part number

10050346 IOM-21, 21,5 "Openframe monitor

10050347 IOM-21-T, 21,5" Openframe monitor
with touchscreen

IOM-24

TFT-monitor 24" openframe



Overview

- TFT / LCD monitor as openframe
- Screen diagonale 24
- Connector RGB analog and DVI
- optional video input
- optional resistive touchscreen
- VESA-100 preparation backside
- Customization available

Description

The openframe monitors of the IOM series are specially suitable for industrial use. The monitors can be integrated with existing front panels or control panels. The robust case enables use in the toughest environments in 24-hour operation. The standard units have an external wide range power supply, an analog VGA / DVI-D input. At the back of the monitor can be mounted on a VESA holder, or via the existing mounting plates can be integrated.

Technical data

Overview

Industrial TFT monitor as openframe modul for control panel or control desk

Interfaces:

HD-SUB15 analog RGB, DVI
optional video input

Resolution:

IOM24: max. 1920x1080 widescreen

Adjustment:

via on-screen-menu

Brightness:

min. 300 cd/qm

Contrast:

1000:1

Power supply:

230VAC, optional 12 or 24VDC via internal Power supply/ converter

MTBF:

Backlights min. 50000h

Control elements:

Touchscreen resistiv (option)

Mechanical dimension:

Case: about 607 x 373 x 61 mm

Material:

Case: Steel black

environmental conditions:

Operating temperature 0-45°C

Storage temperature 0-65°C

Humidity: 10 - 80 % rel. humidity not condensing

Norms

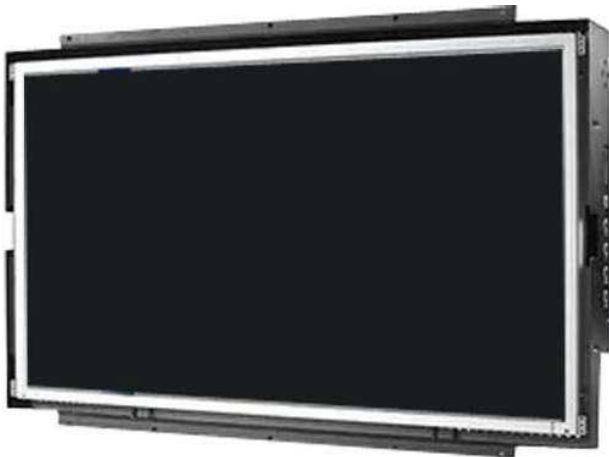
EN55022 EN55024 EN61010-1

Part number

10050342	IOM-24, 24"Openframe Monitor
10050509	Option Touchscreen 24" USB

IOM-27

TFT-Monitor 27" Openframe Modul



overview:

- TFT / LCD monitor Openframe Modul
- screen diagonal 27"
- Interface RGB analog / DVI
- optional HDMI / DP
- mounting via brackets top / bottom
- longterm availability
- customizations possible

Description:

The Openframe monitors IOM-27 are specifically designed for use in industrial environments. The monitors can be integrated into existing front panels or control consoles using the mounting brackets. The robust housing allows operation even in the harshest environments in 24-hour continuous use. The standard units feature an external wide-range power supply and an analog VGA / DVI input. On the rear side, the monitor can be mounted using a VESA mount.

technical data:

overview:

27" industrial TFT / LCD monitor Openframe-Modul for control panels and control desks

Resolution:

max. 1920x1080

Brightness:

min. 300cd/qm

Contrast:

1000:1

Interface:

VGA DVI, optional HDMI / DP

Adjustments:

via On Screen Menü

MTBF:

Backlights min. 35000h

controls:

Touchscreen (Option)

power supply

115/230 VAC internal

mechanical dimensions:

case with brackets: about 697 x 433 x 65mm

material:

case: steel

environmental conditions:

operating: 0-50°C

storage 0-65°C

humidity: 10 - 80 % rel. humidity

not condensing

norms:

EMV: EN55022 EN55024 EN61010-1

part number:

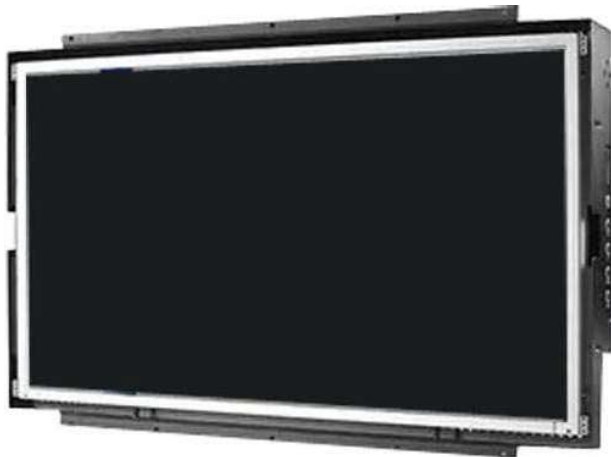
10050369 IOM-27 27" Openframe-Monitor

10050511 option 24VDC

10050516 option 12VDC

IOM-32

TFT-Monitor 32" Openframe Modul



overview:

- TFT / LCD monitor Openframe Modul
- screen diagonal 32"
- Interface RGB analog / DVI
- optional HDMI / DP
- mounting via brackets
- longterm availability
- customizations possible

Description:

The Openframe monitors IOM-32 are specifically designed for use in industrial environments. The monitors can be integrated into existing front panels or control consoles using the mounting brackets. The robust housing allows operation even in the harshest environments in 24-hour continuous use. The standard units feature an external wide-range power supply and an analog VGA / DVI input. On the rear side, the monitor can be mounted using a VESA mount.

technical data:

overview:

32" industrial TFT / LCD monitor Openframe-Modul for control panels and control desks

Resolution:

max. 1920x1080

Brightness:

min. 480cd/qm

Contrast:

2500:1

Interface:

VGA DVI, optional HDMI / DP

Adjustments:

via On Screen Menü

MTBF:

Backlights min. 35000h

controls:

Touchscreen (Option)

power supply

115/230 VAC internal

mechanical dimensions:

case with brackets: about 780 x 502 x 101mm

material:

case: steel

environmental conditions:

operating: 0-50°C

storage 0-65°C

humidity: 10 - 80 % rel. humidity

not condensing

norms:

EMV: EN55022 EN55024 EN61010-1

part number:

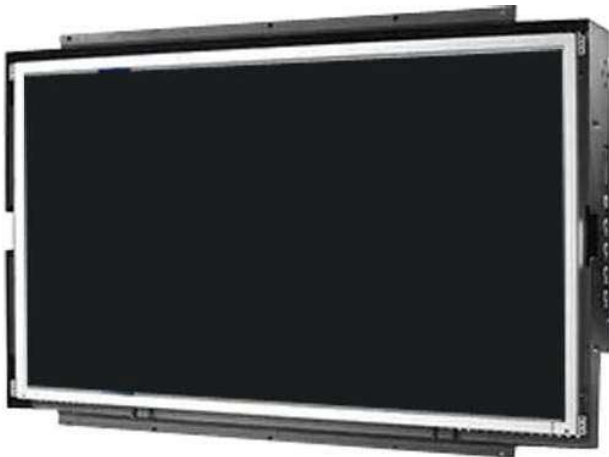
10050344 IOM-32 32" Openframe-Monitor

10050511 option 24VDC

10050516 option 12VDC

IOM-42

TFT-Monitor 42" Openframe Modul



overview:

- TFT / LCD monitor Openframe Modul
- screen diagonal 42"
- Interface RGB analog / DVI
- optional HDMI / DP
- mounting via brackets
- longterm availability
- customizations possible

Description:

The Openframe monitors IOM-42 are specifically designed for use in industrial environments. The monitors can be integrated into existing front panels or control consoles using the mounting brackets. The robust housing allows operation even in the harshest environments in 24-hour continuous use. The standard units feature an external wide-range power supply and an analog VGA / DVI input. On the rear side, the monitor can be mounted using a VESA mount.

technical data:

overview:

42" industrial TFT / LCD monitor Openframe-Modul for control panels and control desks

Resolution:

max. 1920x1080

Brightness:

min. 350cd/qm

Contrast:

3000:1

Interface:

VGA DVI, optional HDMI / DP

Adjustments:

via On Screen Menü

MTBF:

Backlights min. 35000h

controls:

Touchscreen (Option)

power supply

115/230 VAC internal

mechanical dimensions:

case with brackets: about 1020 x 647 x 164mm

material:

case: steel

environmental conditions:

operating: 0-50°C

storage 0-65°C

humidity: 10 - 80 % rel. humidity

not condensing

norms:

EMV: EN55022 EN55024 EN61010-1

part number:

10050372 IOM-42 42" Openframe-Monitor

10050511 option 24VDC

10050516 option 12VDC