



EYE-LCD-4600-OPS

46" (116 CM) EDGE-LED LCD MONITOR WITH OPS-STANDARD SLOT

EYE-LCD-4600-OPS-TOUCH-6IR

46" (116 CM) EDGE-LED TOUCH-LCD MONITOR WITH OPS-STANDARD SLOT



) PRODUCT DESCRIPTION

eyevis' new 46-inch LCD monitor with Edge-LED backlight and OPS compatible slot for the integration of an eyevis Processing Unit (EPU) or additional input connections.

The EYE-LCD-4600-OPS fulfils virtually any requirements that are placed on modern display technology. The professionally designed LCD monitor devices combine best image quality with maximum intelligence through an optionally integrated OPS-compliant eyevis Processing Unit and slim and robust design. With the EYE-LCD-4600-OPS-TOUCH-6IR there is an additional touch version with infrared touch system and six simultaneous touch points available.

Application Possibilities:

- Presentations in exhibitions or conference rooms
- Public Information Display
- Digital Signage
- Applications in security-related installations and control rooms

) THE ADVANTAGES AT A GLANCE

- **Pin-sharp Full-HD resolution and best image quality**
- **Edge-LED backlight technology**
- **OPS standard slot** for the integration of eyevis Processing Units (EPUs) or additional input connectors
- **Stable, professional design** with robust metal housing. Slim and sleek look that makes your content stand out.

) EYEVIS PROCESSING UNIT (EPU)

The eyevis Processing Units that can be integrated in the display devices are high-performance, OPS-compliant PC-systems. The EPUs provide optimized performance, reliability and perfect compatibility with eyevis EPU-Wall technology.

The EPUs are available in different performance versions and different operating systems perfectly configured for the planned application. The high-quality EPU systems can be used as **Digital Signage Player** with up to 4K2K output or for the **integration of the devices in eyeCON EPU-Wall installations** for IP-based signal distribution and control.

The decisive advantage is the low effort necessary for integration and cabling at a first installation or expansion of an existing system. In order to integrate a EPU-display in a system there is only a power connection and a network cable required to operate the device. Hence, the display can be controlled and provided with content from a central workstation in the network.

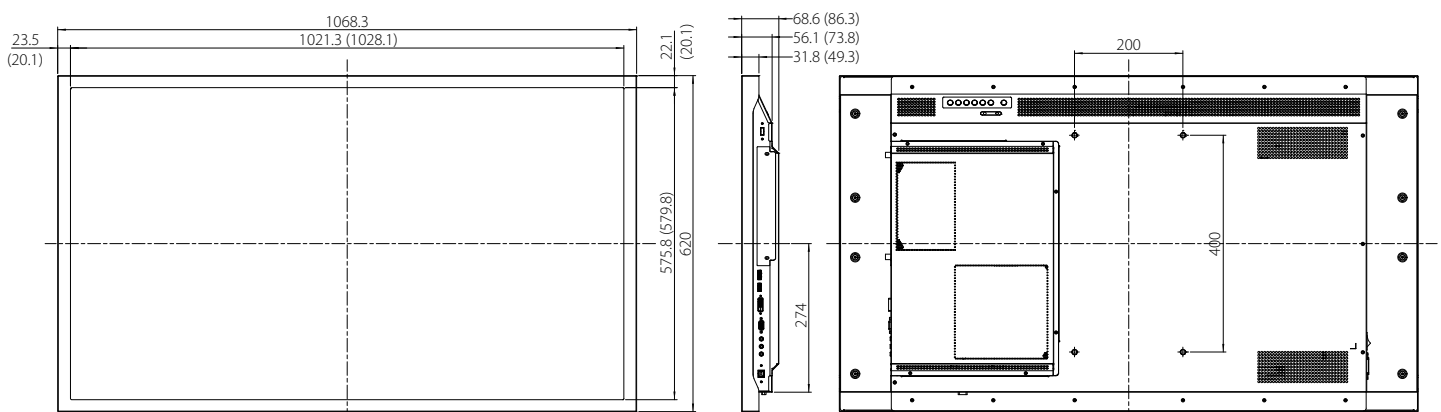
Internal speakers

The displays provide two internal speakers for audio playback

Landscape or portrait installation



) DIMENSIONS EYE-LCD-4600-OPS in mm (EYE-LCD-4600-OPS-TOUCH-6IR)





EYE-LCD-4600-OPS | EYE-LCD-4600-OPS-TOUCH-6IR

46" (117 CM) EDGE-LED LCD MONITOR WITH OPS STANDARD SLOT | OPTIONAL WITH IR TOUCH SYSTEM

TECHNICAL SPECIFICATION

LCD PANEL

Model Name:	EYE-LCD-4600-OPS EYE-LCD-4600-OPS-TOUCH-6IR
Screen Diagonal:	46 inch (ca. 117 cm)
Active Screen:	1018.08(H) × 572.67(V)
Display Resolution:	1920 × 1080 Pixel (full HD)
Colours:	1.07 G colours (10 Bit)
Brightness:	typ. 500 cd/m ² (without optional touch glass)
Contrast:	typ. 4000 : 1
Response Times:	typ. 6.5 ms
Viewing Angle:	178° H/V
Backlight:	Edge LED
Fanless Design:	Yes
24/7 Operation ¹ :	Yes

CONNECTORS & CONTROL

Inputs:	1× DisplayPort / 1× HDMI 1.3c / 1× DVI / 1× VGA / 1× PC Audio In / 1× IR Extender
Outputs:	Audio Out
Communication Port:	RS232C In, LAN
OSD Control:	RS232C, rear side control buttons, IR remote control

MECHANICAL

Dimensions Display (W×H×D):	1068.3 × 620 × 68.6 mm (touch version: 1068.3 × 620 × 86.3 mm)
Bezel Width:	23.5 mm l./r., 22.1 mm t./b.
Weight (without OPS module):	23 kg (touch version: 32 kg)
VESA Mount:	400 × 200

OPERATING CONDITIONS

Power Consumption:	135 Watt (without OPS module)
Input Voltage:	100V – 240V AC, 50/60 Hz
Operating Temperature:	typ. 5 - 35 °C
Operating Humidity:	typ. 0-85 % RH (not condensing)

INFRARED TOUCH SYSTEM (OPTIONAL)

Touch Points:	6 points (simultaneously)
Glass:	ESG tempered safety glass
Finger Touch Accuracy:	2.7 mm
Report Resolution:	32767 × 32767
Calibration:	Four-point calibration
Software:	Driver

OPTIONS

Touch Surface:	Infrared touch system with 6 touch points
Installation:	Metal stands, carts, wall-/ceiling-mounts
Housing Colour:	Customised frame colours and logo branding
OPS compliant PC ² :	eyevisProcessingUnit (EPU)
OPS compliant Input Connector ² :	HDBaseT, 3G/HD/SD-SDI

ORDERING INFORMATION

Article-ID:	20127 -> EYE-LCD-4600-OPS (Standard Version) 20581 -> EYE-LCD-4600-OPS-TOUCH-6IR (Touch Version)
-------------	---

OPTIONAL ACCESSORIES (OPS COMPATIBLE)

OPS MODULE

- OPS-standard compliant eyevisProcessingUnit embedded in the device. The powerful EPU-versions can be used as digital signage players or to integrate the display device in eyevis' unique EPU-Wall concept.



HDBASET MODULE

- Use of Cat5e/Cat6 Ethernet cable with standard RJ-45 connector for video/audio/control/power transmission.

3G-SDI MODULE

- Internal 3G/HD/SD-SDI Board
- Supported 3G formats (SMPTE 424M) 1080p@50/60Hz
- Looping out to other display
- Easy install (Intel OPS architecture compliant)

TECHNICAL SPECIFICATIONS EPU (OPTIONAL)

Model:	EPU-CE-32-8-x-1	EPU-i5-32-8-x-1
CPU Support:	Intel® Celeron® Processor J1900 Quad Core 2.0GHz SoC Processor (fanless)	4 th Generation Intel® Core™ i5-4400E BGA Processor
Main Memory:	8GB DDR3L 1333MHz, unbuffered and non-ECC	8GB DDR3L 1600MHz, unbuffered and non-ECC
I/O Interface-Front:	1× Power on/off / 1× Reset Button / 3× USB 3.0 / 1× USB2.0 / 1× RJ45 for Gigabit LAN / 1× HDMI / 1× Audio (Line-Out/ Mic-In) / 1× 2.5" HDD Slot	1× Power on/off / 1× Reset Button / 4× USB3.0 / 1× RJ45 for Gigabit LAN / 1× HDMI / 1× Audio (Line-Out/ Mic-In) / 1× 2.5" HDD Slot / 1× RJ45 for RS-232
Storage Device:	1× 2.5" SSD, 32GB, SATA	1× 2.5" SSD, 32GB, SATA
Operating System:	Windows 7 Embedded for EPU-Wall, Windows 7 Ultimate for Embedded Systems	Windows 7 Embedded for EPU-Wall, Windows 7 Ultimate for Embedded Systems

ORDERING INFORMATION

Article-ID:	20194 -> EPU-CE-32-8-E-1 -> EPU with Windows 7 Ultimate for Embedded Systems	20197 -> EPU-i5-32-8-E-1 -> EPU with Windows 7 Ultimate for Embedded Systems
	20195 -> EPU-CE-32-8-M-1 -> EPU with Windows 7 Embedded for EPU-Wall	20198 -> EPU-i5-32-8-M-1 -> EPU with Windows 7 Embedded for EPU-Wall

¹ When observing required terms and condition of operation

² OPS conform accessories (PC/EPU, input options) to be ordered separately.