



EYE-LCD-6500-QHD-V2

EYE-LCD-6500-QHD-V2-TOUCH(AG)-6IR

65 INCH 4K/ULTRA-HD@60HZ LCD MONITOR
OPTIONAL WITH TOUCH SYSTEM



4K
ULTRA-HD

60Hz

LED



) PRODUCT DESCRIPTION

eyevis' new Ultra-HD LCD EYE-LCD-6500-QHD-V2-(TOUCH(AG)-6IR) is a professional 65-inch (165 cm) 4K/Ultra-HD monitor from our range of high-resolution LCD monitor solutions. With a pin-sharp resolution of 3840x2160 pixels this new device delivers perfectly smooth and vivid images with high-quality contents. Uniform and vivid images, slim design and Edge-LED backlight technology further enhance the capabilities of the display to meet with the requirements of any field of application. The device provides all high-quality features that eyevis products are well-known for, including a robust metal housing and highest reliability in demanding long-term operation.

With an optional infrared touch system and the possibility to include PC-units or additional input connectors to an OPS-compatible slot the functionalities of the displays can be further enhanced.

Application Possibilities:

- High-end digital signage applications
- High-end broadcast applications
- Security control rooms, display of multiple signals in native resolution
- Detailed process control in high resolution
- Designers / Design Engineers / Architects

) ADVANTAGES OF THE EYE-LCD-6500-QHD-V2-(TOUCH(AG)-6IR)

▪ Ultra-High Resolution & Image Representation

Quad-Full-HD/4K resolution 3,840x2,160px@60Hz

▪ High Brightness

450 cd/m² for best readability even in difficult ambient light conditions

▪ Uniform Images

Thanks to Edge-LED backlight technology

▪ Reliable Operation

All components designed for professional use in long-term operation.

▪ Durable and Professional Design

Metal structure, sleek & low-key look that makes the content stand out.

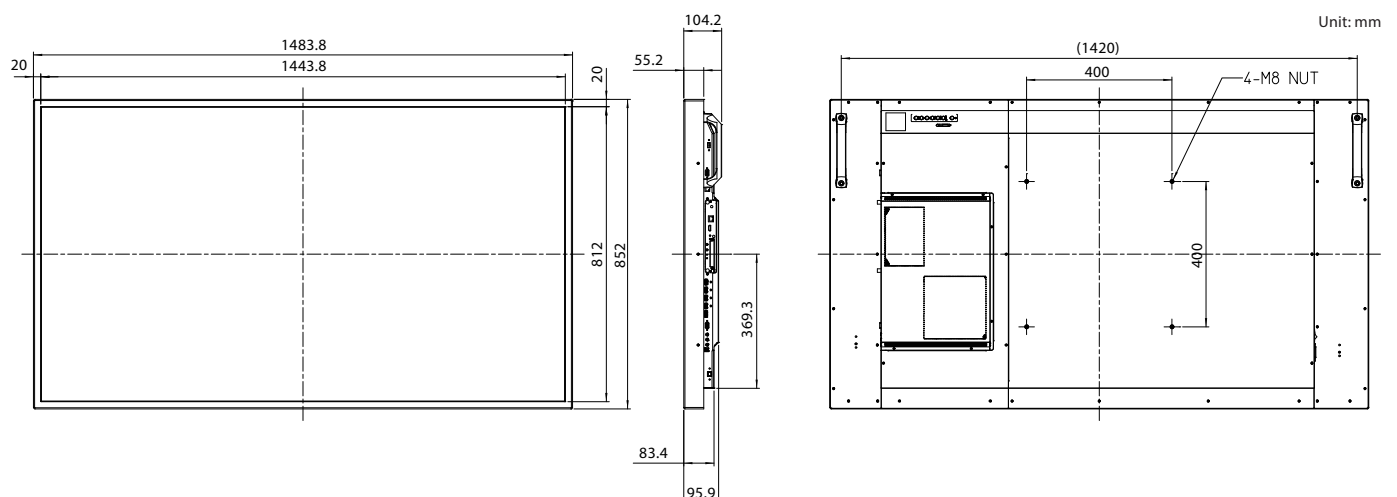
▪ Landscape or Portrait Installation



▪ OPS-Slot and Touch-Option

For additional inputs and enhanced functionality

) DRAWING EYE-LCD-6500-QHD-V2-TOUCH(AG)-6IR (dimensions apply to the touch version)





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) TECHNICAL SPECIFICATION

LCD PANEL¹

Screen Size:	65 inch (ca. 165 cm)
Resolution:	3,840 × 2,160 Pixel
Brightness:	450 cd/m ² (typ.)
Contrast:	4000:1 (typ.)
Backlight:	Edge-LED
Active Screen:	1428.48(H) × 803.52(V) mm
Pixel Pitch:	0.372 × 0.372 mm
Colours:	1.07 G (10bit)
Response Time:	5.5 ms (typ.)
Installation:	Landscape/Portrait
Viewing Angle:	178° H/V
Operating Time ² :	≤ 20 hrs
MTBF:	60,000 hrs

CONNECTORS & CONTROL

Input Resolution ² :	3840 × 2160 @ 60 Hz or less (Full-HD, QFHD, WUXGA, HD, others)
Connectors:	4× HDMI 1.4, 1× DisplayPort 1.2, 1× VGA
Expansion Slot:	OPS standardized input slot for OPS-PC and additional inputs
Audio Out:	2 ch. analog out / 5 ch. digital out
Communication Port:	RS-232C, Ethernet
OSD Control:	RS232C, Control Buttons, IR Remote Control
Picture in Picture (PIP):	Picture-in-Picture (PiP), Picture-by-Picture (PbP)
Video Wall Mode:	Yes (display of 4 windows in 2x2 configuration)

MECHANICAL

Dimensions (W × H × D):	Standard: TBD Touch: 1483.8 × 104.2 × 852 mm
Weight (net):	Standard: 50 kgs Touch: 66 kgs
Bezel Width:	Standard: TBD Touch: 20 mm
VESA Mount:	400×400
Fanless Design:	Yes

ELECTRICAL

Power Consumption Operation:	185 Watt
Power Consumption Standby:	≤ 0.5 Watt
Input Voltage:	110V – 240V AC, 50/60 Hz
Speakers:	4Ω / 2× 10W / Full Range

ENVIRONMENTAL

Operating Temperature:	0 °C - 40 °C, 35% - 85% RH
Storage Temperature:	-20 °C - 60 °C, 35% - 85% RH

OPTIONS

Touch System:	- High Resolution IR System (6 Touch-Points) - 1× USB 2.0 (Type B) - Anti-Glare surface (front)
OPS Accessory ⁴ :	OPS-PC (eyevisProcessingUnit/EPU) or additional input connectors for HDBaseT, 3G/HD/SD-SDI
Installation:	Metal stands, carts, wall-/ceiling-mounts
Housing Colour:	Customised frame colours and logo branding

ORDERING INFORMATION

Standard Version:	EYE-LCD-6500-QHD-V2 -> 22661
Touch Version:	EYE-LCD-6500-QHD-V2-TOUCH(AG)-6IR -> 22660

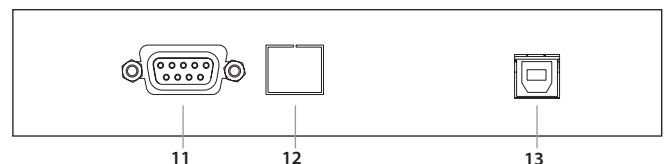
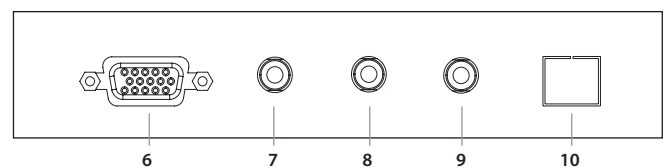
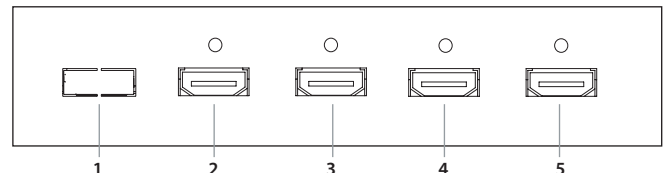
¹ Optical specification measured without touch system

² When observing required terms and condition of operation

³ If supported by the signal source/graphic card on output side

⁴ OPS conform accessories (PC/EPU, input options) to be ordered separately.

) CONNECTORS



- | | |
|----------------|--------------------------|
| 1. DisplayPort | 8. IR Extender |
| 2. HDMI 1 | 9. Audio Out |
| 3. HDMI 2 | 10. SPDIF Out |
| 4. HDMI 3 | 11. RS232C |
| 5. HDMI 4 | 12. Ethernet |
| 6. VGA | 13. Touch USB (optional) |
| 7. PC Audio In | |

) OPTIONAL ACCESSORIES (OPS COMPATIBLE)

OPS PC (EYEVIS PROCESSING UNIT)

- OPS-standard compliant eyevisProcessingUnits (EPU) can be used as digital signage players or to integrate the display device in eyevis' unique EPU-Wall concept for IP-based signal distribution and control



HDBASET MODULE (OPS-SLOT COMPATIBLE)

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

3G-SDI MODULE (OPS-SLOT COMPATIBLE)

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