

EYE-LCD-6500-QHD-V2

EYE-LCD-6500-QHD-V2-TIRT6AG

EYE-LCD-6500-QHD-V2-TIRT32AG

65 INCH 4K/ULTRA-HD@60HZ LCD MONITOR
OPTIONAL WITH 6 OR 32 POINT IR TOUCH SYSTEM



4K
ULTRA-HD

60Hz

LED



) PRODUCT DESCRIPTION

eyevis' new Ultra-HD LCD EYE-LCD-6500-QHD-V2(-TIRT6/32AG) 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(-TIRT6/32AG)

▪ 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

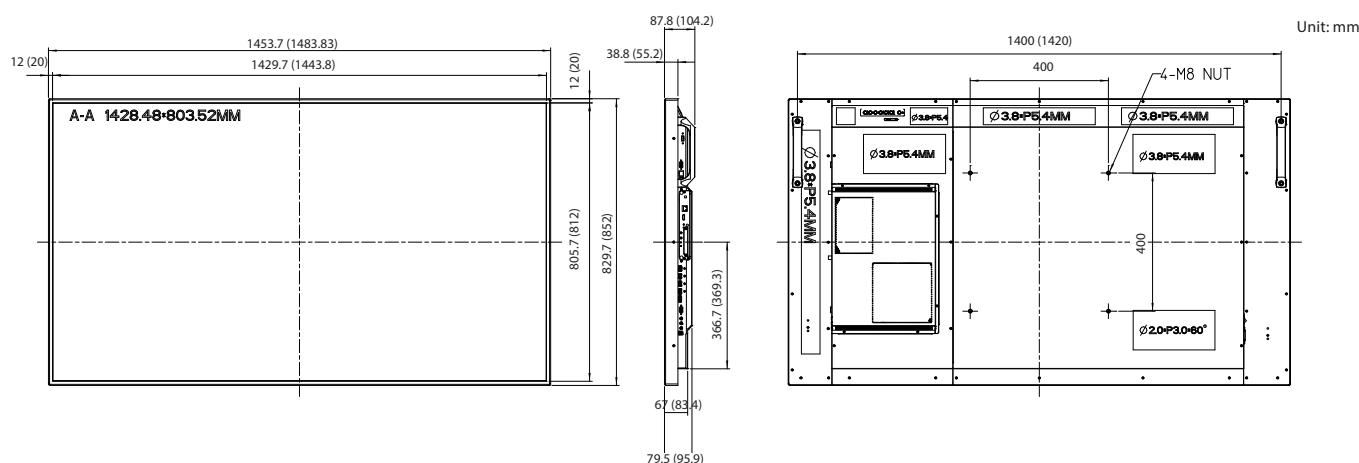


▪ OPS-Slot and Touch-Option

OPS standard slot for additional inputs and enhanced functionality.

High-quality IR touch system with 6 or 32 simultaneous touch points.

) DRAWING EYE-LCD-6500-QHD-V2 (EYE-LCD-6500-QHD-V2-TIRT6/32AG IN BRACKETS)



EYE-LCD-6500-QHD-V2 | EYE-LCD-6500-QHD-V2-TIRT6/32AG

65 INCH 4K/ULTRA-HD@60HZ LCD MONITOR OPTIONAL WITH 6 OR 32 POINT IR TOUCH SYSTEM

) TECHNICAL SPECIFICATION

LCD PANEL

Screen Size:	65 inch (ca. 165 cm)
Resolution:	3,840 × 2,160 Pixel
Brightness:	Standard: 450 cd/m² (typ.) Touch: 405 cd/m² (typ.)
Contrast:	Standard: 4000:1 (typ.) Touch: 3600:1 (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)
Gamut:	72% NTSC
Response Time:	5.5 ms (typ.)
Local Dimming:	Yes
Installation:	Landscape/Portrait
Viewing Angle:	178° H/V
Operating Time¹:	≤ 20 hrs
MTBF:	60,000 hrs

CONNECTORS & CONTROL

Input Resolution²:	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 standard input slot for OPS-PC and additional inputs
Colour Adjustment:	5000K, 6500K, 7500K, 9300K, User
Power Management:	VESA DPMS
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: 1453.7 × 829.7 × 79.5 mm (87.8 mm incl. handles) Touch: 1483.8 × 852 × 95.9 mm (104.2 mm incl. handles)
Weight (net):	Standard: 50 kgs Touch: 66 kgs
Bezel Width:	Standard: 12 mm Touch: 20 mm
VESA Mount (W × H):	400×400
Fanless Design:	Yes

ELECTRICAL

Power Consumption Operation:	typ. 170 W (max. 280 W)
Power Consumption Standby:	≤ 0.5 W
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 or 32 Touch-Points) - 1× USB 2.0 (Type B) - Anti-Glare Corning® Gorilla® Glass
OPS Accessory³:	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

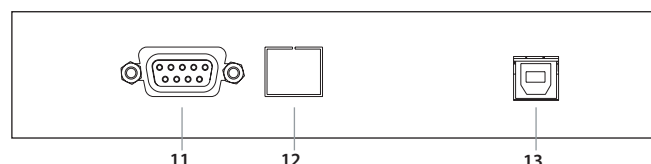
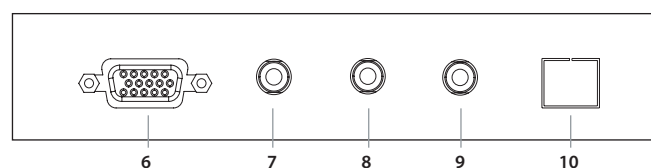
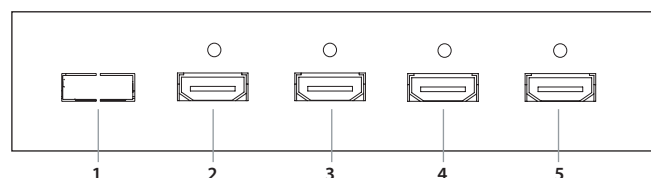
Standard Version:	EYE-LCD-6500-QHD-V2 -> 22661
6 Point Touch Version:	EYE-LCD-6500-QHD-V2-TIRT6AG -> 24630
32 Point Touch Version:	EYE-LCD-6500-QHD-V2-TIRT32AG -> 23140

¹ When observing required terms and condition of operation

² If supported by the signal source/graphic card on output side

³ OPS conform accessories (PC/EPU, Input options) to be ordered separately.

) CONNECTORS



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

) 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