



EYE-LCD-9800-QHD-V2

EYE-LCD-9800-QHD-V2-TIRT32AG

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



4K
ULTRA-HD

60Hz

LED

24/7



) PRODUCT DESCRIPTION

eyevis 98" Ultra-HD display EYE-LCD-9800-QHD-V2(-TIRT32AG) is the currently largest version from our range of professional 4K/Ultra-HD monitor solutions. With a pin-sharp resolution of 3840x2160px@60Hz the display delivers perfectly smooth and vivid images with high-quality contents. Their slim but stable design and Direct-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:

- "Video Wall Applications", e.g. alternative to a 2x2 display matrix
- High-end digital signage applications
- High-end broadcast applications
- Security control rooms, display of multiple camera signals in native resolution on one screen
- Detailed process control in high resolution
- Designers / Design Engineers / Architects

) THE ADVANTAGES OF THE EYE-LCD-9800-QHD-V2(-TIRT32AG)

▪ Ultra-High Resolution & Image Representation

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

▪ High Brightness

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

▪ Uniform Images

Thanks to Direct-LED backlight technology

▪ Reliable 24/7 Operation

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

▪ Durable and Professional Design

All metal structure, sleek look that makes the content stand out.

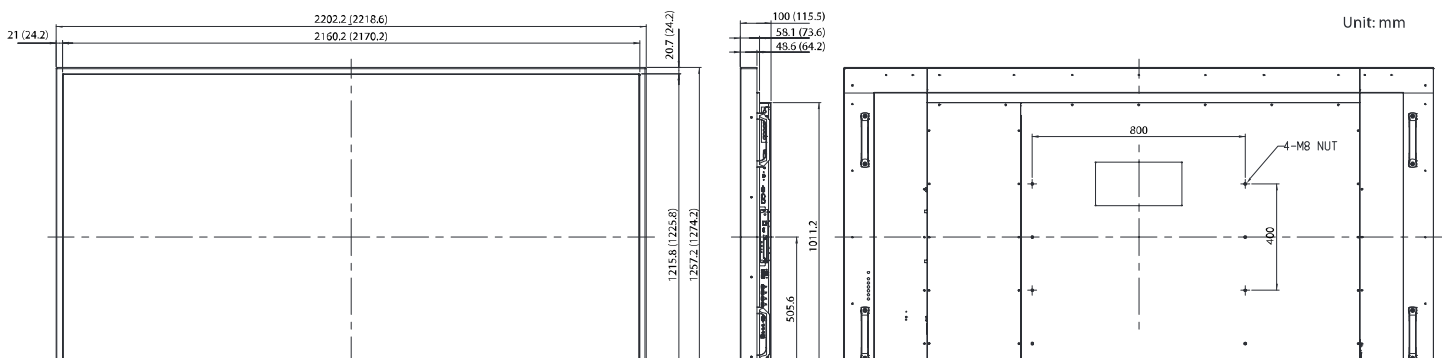
▪ Landscape or Portrait Installation



▪ OPS-Slot and Touch-Option

For additional inputs and enhanced functionality

) DRAWING EYE-LCD-9800-QHD-V2 (EYE-LCD-9800-QHD-V2-TIRT32AG IN BRACKETS)





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TECHNICAL SPECIFICATION

LCD PANEL¹

Panel Technology:	IPS
Screen Size:	98" (ca. 248 cm)
Resolution:	3840 × 2160 Pixel
Brightness:	500 cd/m ² (typ.)
Contrast:	1300:1 (typ.)
Backlight:	Direct-LED
Active Screen Area:	2158.848mm (W) × 1214.352 mm (H)
Pixel Pitch:	0.5622 × 0.5622 mm
Colours:	1.07 G Colours (10bit)
Response Time:	8 ms (typ.)
Installation:	Landscape/Portrait
Viewing Angle:	178° H/V
24/7 Operation ² :	Yes
MTBF:	50,000 hours

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
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):	Display of up to 4 sources simultaneously
Video Wall Mode:	Yes (display of 4 windows in 2x2 configuration)

MECHANICAL

Dimensions (W × H × D):	Standard: 2202.2 × 1257.2 × 100 mm Touch: 2218.6 × 1274.2 × 115.5 mm
Weight (net):	Standard: 111 kgs Touch: 143 kgs
Bezel Width:	Standard: ca. 21 mm Touch: ca. 24 mm
VESA Mount (W × H):	800×400
Fanless Design:	Ja

ELECTRICAL

Power Consumption Operation:	610 W (max.), 450 W (typ.)
Power Consumption Standby:	≤0.5 W
Input Voltage:	110V – 240V AC, 50/60 Hz
Speakers:	4Ω / 2x 10W / Full Range

ENVIRONMENTAL

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

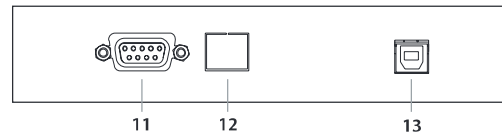
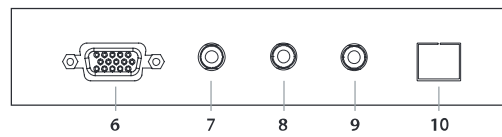
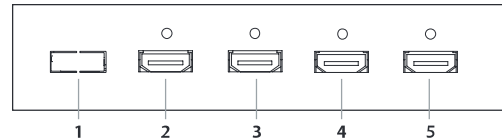
OPTIONS

Touch System:	- High resolution IR system (32 simultaneous touch points) - 1× USB 2.0 (Type B) - Anti-Glare surface (front), 6H hardness
OPS compliant Accessory ³ :	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-9800-QHD-V2 -> 22432
Touch Version:	EYE-LCD-9800-QHD-V2-TIRT32AG -> 22433

CONNECTORS



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

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

MOUNTING OPTION



EYE-WHLCD-FS-QR-95

Quick-Release Front-Access Wall-Mount for LCD Monitors with up to 98" Screen Diagonal

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.