OUR eyeLCD SERIES – DEVELOPED FOR DEMANDING APPLICATIONS

CONTROL

PRESENTATION & INFORMATION

BROADCAST

VR & SIMULATION
Numerous projects require a display solution that is not available "off the shelf". eyevis is constantly seeking to fulfil the individual ideas and wishes of its customers. After an initial feasibility study, you can count on our long-lasting experience in the development and production of digital display solutions, an own research centre and manufacturing. In a constant dialogue with our clients, we will finally present a solution that perfectly meets the customers' requirements.

eyevis' customers benefit from latest technology and competent employees with great experience in development and construction. Displays can also be suited to the individual corporate design and they are available in all RAL-colours.

eyevis addresses each individual customer request and offers ideal solutions through a wide and professional product range. Our competences include:

- Sourcing of high-quality components
- Construction of customized housings, if necessary with special protection or air conditioning technologies
- Installation of different touch technologies
- Integration of embedded PC systems or additional input facilities
- Development of specific base frames and brackets for the installation of completed products

Example Double-Display:

- Double-sided Digital Signage Display with high brightness panel and standard LCD panel
- Completely new product design including component selection, housing design, integration of a network-based player
The thin-bezel versions from the eyeLCD series provide all features required for professional video wall installations. Thanks to the minimal gap between the active screen areas of the individual monitors the viewer hardly recognizes disturbing interruptions of the overall displayed content. All images and information can be displayed perfectly organized on a wall. The use of robust components and latest technology ensures best image quality, high resolution and the capability for trouble-free long-term operation of the monitors.

Various innovations in display technology enhance the quality of display of the image contents and prevent or minimize the occurrence of negative effects such as “image sticking”. Due to their size and their flexible design the monitors can be installed in almost any environment without limitations. Whether video or computer signals – all data formats can be displayed on the screens. In connection with eyevis controllers and software a medium for presentation and information can be achieved that is ideally suited for control rooms and surveillance centres. But also in multimedia presentations these monitors show their impressive capabilities.

The video wall LCDs provide diverse inputs and outputs, loop-through functionality for signals and controls as well as internal matrix split controllers which avoids complex cabling on installation. For the devices with OPS standard slot it is possible to integrate an eyevisProcessingUnit. With this embedded controller units, it is possible to create a video wall system that can easily be integrated in a network environment. Data and video streams available on the network can be displayed without further controllers or decoding devices.

For a smooth integration of the video wall monitors, eyevis further provides a wide range of professional accessories, such as wall and ceiling mounts, video wall stands, moveable carts and many more.
XSN Series
(3-mm-Bezel-Class)
- EYE-LCD-4600-XSN-FX (46")
- EYE-LCD-4900-XSN-FX (49")
- EYE-LCD-5500-XSN-LD-FX(-OPS) (55")
- EYE-LCD-5500-XSN-LD-FX-700(-OPS) (55")

ESN Series
(2-mm-Bezel-Class)
- EYE-LCD-4600-ESN-PRO (46")
- EYE-LCD-5500-ESN-FX (55")

The Advantages at a Glance:
- Wide product range using the latest LCD technology
- Internal matrix scaler and signal loop-through up to 4K
- Non-Stick-Mode to avoid burn-in effects
- Ethernet control & system health monitoring through NetLink option
- Auto colour adjustment through EYE-LCD-CAS option
- Stable metal design

TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>Screen Diagonal</th>
<th>Resolution</th>
<th>Brightness</th>
<th>Contrast</th>
<th>Bezel Active-to-Active</th>
<th>Touch Overlay available</th>
<th>OPS Version available</th>
<th>EYE-CAS Colour Adjustment</th>
</tr>
</thead>
<tbody>
<tr>
<td>EYE-LCD-4600-XSN-FX</td>
<td>46 inch/116 cm</td>
<td>1920 x 1080 Px</td>
<td>700 cd/m²</td>
<td>3500 : 1</td>
<td>3.5 mm</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>EYE-LCD-4600-ESN-PRO</td>
<td>46 inch/116 cm</td>
<td>1920 x 1080 Px</td>
<td>700 cd/m²</td>
<td>4000 : 1</td>
<td>1.8 mm</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>EYE-LCD-4900-XSN-FX</td>
<td>49 inch/124 cm</td>
<td>1920 x 1080 Px</td>
<td>450 cd/m²</td>
<td>1300 : 1</td>
<td>3.5 mm</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>EYE-LCD-5500-XSN-LD-FX</td>
<td>55 inch/139 cm</td>
<td>1920 x 1080 Px</td>
<td>500 cd/m²</td>
<td>1400 : 1</td>
<td>3.5 mm</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>EYE-LCD-5500-XSN-LD-FX-700</td>
<td>55 inch/139 cm</td>
<td>1920 x 1080 Px</td>
<td>700 cd/m²</td>
<td>1200 : 1</td>
<td>3.5 mm</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>EYE-LCD-5500-ESN-FX</td>
<td>55 inch/139 cm</td>
<td>1920 x 1080 Px</td>
<td>700 cd/m²</td>
<td>1200 : 1</td>
<td>1.8 mm</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>
Best image quality, high quality components, robust design and long life-time – that’s what distinguishes our professional Full-HD LCD monitor solutions from consumer products. The development of the devices in accordance with high industrial standards guarantees that the displays fulfil any demands of sophisticated applications. All products feature professional LCD technology at the cutting-edge of technology.

A variety of options makes it possible to further optimize and individualize the displays corresponding to the different application areas. These options for example include different touch technologies, as well as other customer specific adjustments.

**Product Versions:**

**Full-HD Series**  
(Single LCD Monitors)

- EYE-LCD-3200-24LE (32")
- EYE-LCD-4200-24LE-V2 (42")
- EYE-LCD-4600-LE-700 (46")
- EYE-LCD-4700-24LE (47")
- EYE-LCD-5500-LE-700 (55")
- EYE-LCD-7000-LE-700 (70")
- EYE-LCD-8000-LE-700 (80")

**The Advantages at a Glance:**

- Different sizes for every field of application
- Professional PID technology
- Stable metal design

**INDIVIDUALISTS WITH CONVINCING ARGUMENTS – STAND-ALONE FULL-HD LCD MONITORS**

### TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Screen Diagonal</th>
<th>Resolution</th>
<th>Brightness</th>
<th>Contrast</th>
<th>Touch Version available</th>
<th>Customisation available</th>
</tr>
</thead>
<tbody>
<tr>
<td>EYE-LCD-3200-24LE</td>
<td>32 Inch/81 cm</td>
<td>1920 x 1080 Px</td>
<td>450 cd/m²</td>
<td>1300 : 1</td>
<td>✓</td>
</tr>
<tr>
<td>EYE-LCD-4200-24LE-V2</td>
<td>42 Inch/107 cm</td>
<td>1920 x 1080 Px</td>
<td>700 cd/m²</td>
<td>4000 : 1</td>
<td>✓</td>
</tr>
<tr>
<td>EYE-LCD-4600-LE-700</td>
<td>46 Inch/117 cm</td>
<td>1920 x 1080 Px</td>
<td>700 cd/m²</td>
<td>4000 : 1</td>
<td>✓</td>
</tr>
<tr>
<td>EYE-LCD-4700-24LE</td>
<td>47 Inch/119 cm</td>
<td>1920 x 1080 Px</td>
<td>700 cd/m²</td>
<td>1300 : 1</td>
<td>✓</td>
</tr>
<tr>
<td>EYE-LCD-5500-LE-700</td>
<td>55 Inch/139 cm</td>
<td>1920 x 1080 Px</td>
<td>700 cd/m²</td>
<td>4000 : 1</td>
<td>✓</td>
</tr>
<tr>
<td>EYE-LCD-7000-LE-700</td>
<td>70 Inch/177 cm</td>
<td>1920 x 1080 Px</td>
<td>700 cd/m²</td>
<td>5000 : 1</td>
<td>✓</td>
</tr>
<tr>
<td>EYE-LCD-8000-LE-700</td>
<td>80 Inch/203 cm</td>
<td>1920 x 1080 Px</td>
<td>500</td>
<td>700 cd/m²</td>
<td>5000 : 1</td>
</tr>
</tbody>
</table>
The pin-sharp Ultra-HD resolution with 3840 × 2160 pixels at 50", 58", 65", 84", 85" or 98" screen diagonal ensures that no image detail gets lost. The high resolution LCD are developed for professional applications under demanding requirements, where they convince through their exceptional image quality. High contrast even in bright light conditions, perfect colour reproduction, a wide viewing angle and sharp images as well as very short reaction times make these monitors the first choice for many areas in which other monitors simply cannot keep up. The 4K/Ultra-HD monitors from the eyeLCD series are ideally suited for application areas that require the display of multiple image signals in native resolution on a single screen, like in security control rooms. But they also provide their outstanding image quality in medical applications, detailed process control, in the media sector and for design, construction or architecture.

### WHEN THE SMALLEST DETAILS COUNT – HIGH RESOLUTION LCD MONITORS

#### TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>Screen Diagonal</th>
<th>Resolution</th>
<th>Brightness</th>
<th>Contrast</th>
<th>Signal Inputs</th>
<th>Touch Version available</th>
<th>OPS Version available</th>
</tr>
</thead>
<tbody>
<tr>
<td>EYE-LCD-5000-QHD</td>
<td>50 Inch/127 cm</td>
<td>3840 × 2160 Px</td>
<td>550 cd/m²</td>
<td>4000 : 1</td>
<td>4× HDMI 1.4, 1× DP 1.2, 1× VGA</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>EYE-LCD-5800-QHD-V2</td>
<td>58 Inch/147 cm</td>
<td>3840 × 2160 Px</td>
<td>500 cd/m²</td>
<td>4500 : 1</td>
<td>4× HDMI 1.4, 1× DP 1.2, 1× VGA</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>EYE-LCD-6500-QHD-V2</td>
<td>65 Inch/165 cm</td>
<td>3840 × 2160 Px</td>
<td>450 cd/m²</td>
<td>4000 : 1</td>
<td>4× HDMI 1.4, 1× DP 1.2, 1× VGA</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>EYE-LCD-7500-QHD</td>
<td>75 Inch/190 cm</td>
<td>3840 × 2160 Px</td>
<td>500 cd/m²</td>
<td>1200 : 1</td>
<td>4× HDMI 1.4, 1× DP 1.2</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>EYE-LCD-8400-QHD-V2</td>
<td>84 Inch/213 cm</td>
<td>3840 × 2160 Px</td>
<td>500 cd/m²</td>
<td>1400 : 1</td>
<td>4× HDMI 1.4, 1× DP 1.2</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>EYE-LCD-8500-QHD-V2</td>
<td>85 Inch/215 cm</td>
<td>3840 × 2160 Px</td>
<td>700 cd/m²</td>
<td>3000 : 1</td>
<td>4× HDMI 1.4, 1× DP 1.2, 1× VGA</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>EYE-LCD-9800-QHD-V2</td>
<td>98 Inch/248 cm</td>
<td>3840 × 2160 Px</td>
<td>500 cd/m²</td>
<td>1300 : 1</td>
<td>4× HDMI 1.4, 1× DP 1.2, 1× VGA</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

*available from Q3/2016
PARTNERS FOR SUCCESSFUL PRODUCTIONS – CUSTOMISED SOLUTIONS FOR BROADCASTERS

For installations in studio environments with a special requirement for the display of certain colour temperatures eyevis provides a broadcast version of the seamless LCD monitors from the BC-series.

Due to a special treatment of the LCD panel, the BC version is particularly suitable for the use in TV studios. For all LCD models with OPS slot, it is possible to use it for the integration of a broadcast standard (3G)SDI signal input.

<table>
<thead>
<tr>
<th>TECHNICAL SPECIFICATIONS BROADCAST MONITORS</th>
</tr>
</thead>
<tbody>
<tr>
<td>EYE-LCD-5500-XSN-FX-700-BC</td>
</tr>
<tr>
<td>Screen Diagonal: 55 inch/139 cm</td>
</tr>
<tr>
<td>Resolution: 1920 × 1080 Px</td>
</tr>
<tr>
<td>Brightness: 700 cd/m²</td>
</tr>
<tr>
<td>Contrast: 1200 : 1</td>
</tr>
<tr>
<td>Special Feature: Video wall LCD optimized for colour temperatures in TV studios</td>
</tr>
</tbody>
</table>

SIMPLY TOUCH – TOUCH SYSTEMS FOR eyeLCD DISPLAYS

Direct interaction with digital content is now part of everyday life. For our displays from the eyeLCD series, we meet this requirement with a touch option that is available for almost all types of displays. For the single monitors this touch system is integrated directly into the display housing and can be ordered with different protective glass types and up to 50 simultaneous touch points.
A MATTER OF TASTE
CUSTOMISED SPECIAL SOLUTIONS

Our competences include:

- Sourcing of high-quality components
- Construction of customized housings, if necessary with special protection or air conditioning technologies
- Installation of different touch technologies
- Integration of embedded PC systems or additional input facilities
- Development of specific base frames and brackets for the installation of completed products

Example Double-Display:

- Double-sided Digital Signage Display with high brightness panel and standard LCD panel
- Completely new product design including component selection, housing design, integration of a network-based player

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NETLINK –
SYSTEM MONITORING & ETHERNET CONTROL

eyevis newly developed NetLink system provides the possibility to control any eyevis video wall display over Ethernet, as well as monitoring functions for the displays.

Monitoring Features

NetLink provides the possibility to read status information from the sensors inside the displays. Hence, proper operation of the devices can be monitored to ensure their availability or early detection of possible defects. In case the display sends values exceeding defined parameters an automatic alarm can be triggered via standard SNMP trap protocol.

Simple System Setup

The NetLink box converts the Ethernet control in a standard RS232 protocol to address the daisy-chained displays from any computer in the network without additional installation. Hence, any existing eyevis video wall can be upgraded to Ethernet-control-ability. NetLink functionality is realized through a little NetLink box which is mounted at the rear-side of one display in a video wall.

AUTOMATIC COLOR ADJUSTMENT
EYE-LCD-CAS

The Color-Adjustment-System is the ideal tool for setting the color of LCD displays from the eyeLCD series. The system includes hardware and software components for the measuring and alignment procedure of LCD video walls. The color adjustment works fully automatically which makes the procedure very simple and time-efficient.

HIGH PERFORMANCE PROCESSING
OPS-MODULE

To facilitate the installation, control and signal connectivity of video walls and LCD displays, eyevis has developed a new series of intelligent OPS-LCD displays. Through an OPS conform eyevinProcessUnit the electronics for signal processing is directly integrated into the displays. The OPS-slot further offers the possibility of integrating additional input options such as HD-Base-T or 3G-SDI.
FOR A PERFECT FINISH –
STANDS, BRACKETS AND STACKING FRAMES

- Wall brackets in various versions (fixed, tiltable, etc.)
- Motorized adjustable lift systems, partially tiltable for (touch) table applications
- Special video wall mounts with front service support for simple service and screen replacement
- Special wall mounts for video walls
- Stands in various designs
- Stacking frames for video walls, e.g. for flexible use in trade show and event construction
- Moveable video wall carts for 2 × 2 or 3 × 3 displays
- Expandable video wall stand systems
- Design and installation of project-specific solutions

AT A GLANCE
THE ADVANTAGES OF THE EYEVIS eyeLCD SERIES

OUTSTANDING QUALITY
For the displays of our eyeLCD series, we use only industrial components to ensure the highest quality and reliability.

4K/ULTRA HD
Already since 2007 displays of this resolution belong to our portfolio. This allows you to benefit from our years of experience in the manufacturing, installation and control of these displays.

SERVICE & SUPPORT
Various service and maintenance contracts as well as the shipping of original spare parts are key elements of our service concept.

LED BACKLIGHT
All devices in the eyeLCD series use LED backlight technology. As Edge LED or Direct LED this provides homogeneous brightness, low power consumption and slim design.

24/7-CONTINUOUS OPERATION
High-quality components and innovative features allow the operation of our displays in 24/7 continuous operation under certain operating conditions.

OUTSTANDING BRIGHTNESS
The high brightness of our displays ensures that the contents are always readable and recognizable even in difficult lighting conditions.

THINNEST BEZELS
In our wide range of video wall displays, you will always find products with the currently thinnest frame so that the appearance of your pictures is almost seamless.

TOUCH OPTION
For all products from the eyeLCD series a touch system is optionally available that enables the precise and robust interaction with the represented content.

COLOUR ADJUSTMENT SYSTEM
With the EYE-LCD-CAS system we offer a unique solution for the semi-automated matching of colour and brightness of our video wall displays.

EYEVIS PROCESSING UNIT
The devices with OPS slot offer the possibility to install an eyevisProcessingUnit (OPS standard module) that provides even more intelligence and networking capabilities of the display.

LANDSCAPE OR PORTRAIT
All large format displays from the eyeLCD series can be mounted both in landscape or portrait orientation.

ETHERNET CONTROL & MONITORING
eyevis NetLink solution provides control and system health monitoring features for all eyevis LCD monitors through an Ethernet connection.
The high quality of our products is backed up by the outstanding quality of our service technicians and the support we offer to our customers. Apart from regular repairs in-house or on-site, the supply of original spare parts and maintenance works on demand, we offer a range of service level agreements that ensure highest availability of your system.

Our experience shows that preventive maintenance and active support return the investment by leading to optimal system availability, the productivity of the system is guaranteed and operating costs can be reduced. Regular maintenance is a prerequisite for stable, trouble-free operation of your eyevis system. Therefore eyevis offers maintenance contracts that are tailored to the needs of your installation.

Updated information on our projects and products with many photos as well as the possibility of communicating with other interested customers can also be found at:

- twitter.com/eyevis
- www.facebook.com/eyevis
- www.linkedin.com/companies/eyevis

Scan the QR code and visit our website to find more detailed information on all of our products and services, download brochures and data sheets, or watch the product videos.