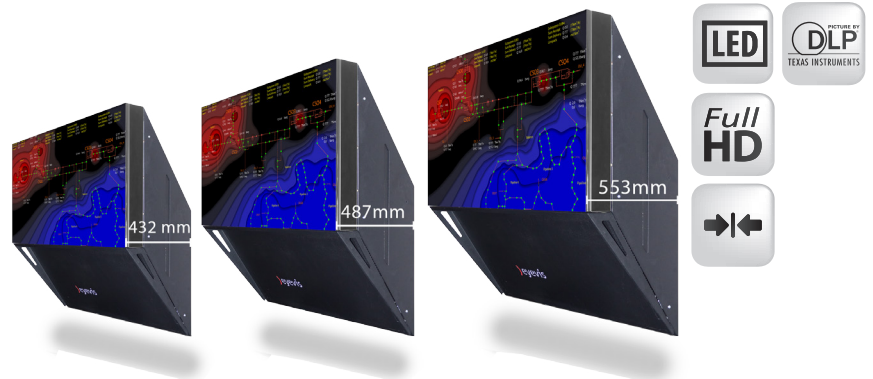




EC-LHD-SLIM

SLIM LED-LIT DLP® REAR-PROJECTION CUBES WITH FULL-HD RESOLUTION



) PRODUCT DESCRIPTION

Slimmer, faster to install and easier to service: These are the features of the new SLIM rear projection cube series by eyevis for the professional usage in control rooms and TV studios. With a **minor depth starting from only 432 mm for the 50-inch version and their native and Full HD resolution**, the new Slim-Cubes can be used in areas that were, due to space requirements, not suitable for rear projection cubes before.

The easy-handling concept with projection units in innovative single-module design with integrated and motorized geometry adjustment enables a quick and easy setup. Like all eyevis cubes the new slim model is equipped with a robust self-supporting housing and the reliable „seamless“ screen bracket with discrete screen clamp technology to install big video walls with smallest bezels between adjacent displays. Additionally, the front and rear access enables an easy installation and start-up as well as a quick exchange.

) THE ADVANTAGES AT A GLANCE

MINIMAL REQUIRED SPACE, WALL MOUNT POSSIBLE

- Reduced **depth starting from only 432 mm**
- Robust, self-supporting housing: further space saving, no extra support structures needed, housings **can be installed hanging on the wall**
- No space required for service works behind the video wall thanks to front maintenance accessibility. No rear space for ventilation required.
- Integrated ventilation ducts, HVAC connection possible.

DURABILITY

- Durable and constant picture quality on all Cubes
- Modular, highly available display concept for 24/7 operation
- Low service and maintenance costs

EASY-HANDLING CONCEPT

- Projection unit in single-module design
- Fast installation and maintenance: the projection unit can be installed or dismantled to the front or the rear side within a few simple steps
- „Seamless“ screen bracket with discrete screen clamp technology
- Motorized geometry adjustment of the projection unit

AVAILABILITY AND RELIABILITY

- Extremely long lifetime of the LED lights
- High-quality components for reliable operation
- Highly efficient maintenance-free heat-pipe cooling

) INTEGRATED CONCEPT

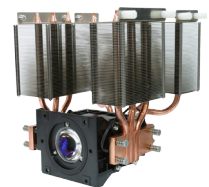
PROJECTION-UNIT IN SINGLE-MODULE DESIGN

All electric, optical and electronic components as well as the cooling system are integrated completely into a closed projection unit. This unit can be inserted into or removed from the cube housing in a few simple steps. This speeds the setup and reduces the downtime during maintenance.

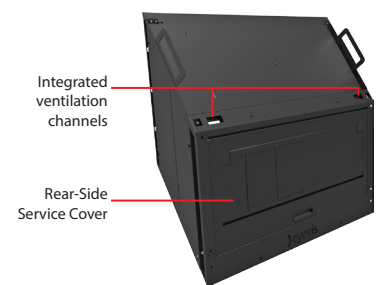


HEAT-PIPE COOLING SYSTEM

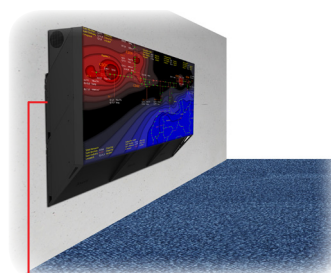
eyevis' slim-cubes rely on our innovative heat-pipe cooling system, which has proven its reliable and highly effective function in thousands of cubes in diverse operating conditions. In addition to that, our heat-pipes require absolutely no servicing and contain no toxic liquids.



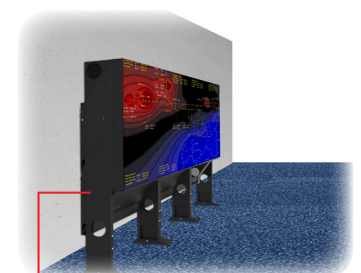
) DIMENSIONS / REAR VIEW / INSTALLATION



| | A (mm) | B (mm) | C (mm) | D (mm) | E (inch/cm) |
|----------------|--------|---------|--------|--------|-------------|
| EC-50-LHD-SLIM | 1107 | 1069.67 | 432 | 622 | 50 / 127 |
| EC-60-LHD-SLIM | 1328 | 1270 | 487 | 747 | 60 / 152 |
| EC-70-LHD-SLIM | 1550 | 1489 | 553 | 872 | 70 / 177 |



Direct wall-mount



Installation on height-adjustable basements



EC-LHD-SLIM

SLIM LED-LIT DLP® REAR-PROJECTION CUBES WITH FULL-HD RESOLUTION



TECHNICAL SPECIFICATIONS

| Model: | EC-50-LHD-SLIM | | EC-60-LHD-SLIM | | EC-70-LHD-SLIM | |
|------------------------|--|------------------------------|--|------------------------------|--|------------------------------|
| Screen Diagonal: | 50 inch (127 cm) | | 60 inch / ca. 152 cm screen diagonal) | | 70 inch / ca. 177 cm screen diagonal) | |
| Description: | Digital DLP®-rear-projection unit with slim design, stackable and addible, for data and video representation, incl. preparation for wall mounting, integrated front- and/or rear-side accessibility for installation and maintenance | | | | | |
| Resolution: | 1920 × 1080 Pixel (Full HD / 16:9) | | | | | |
| Processing: | 1080P / 0.65 inch DMD | | | | | |
| Brightness*: | ISE Screen: | WVF Screen: | ISE Screen: | WVF Screen: | ISE Screen: | WVF Screen: |
| Full Brightness Mode: | 370 cd/m ² (max) | 600 cd/m ² (max) | 320 cd/m ² (max) | 430 cd/m ² (max) | 190 cd/m ² (max) | 310 cd/m ² (max) |
| Normal Operation Mode: | 300 cd/m ² (typ.) | 440 cd/m ² (typ.) | 230 cd/m ² (typ.) | 310 cd/m ² (typ.) | 155 cd/m ² (typ.) | 230 cd/m ² (typ.) |
| Contrast Ratio: | Static Contrast: 1.000:1 (typ.) / up to 10.000:1 (active LED control) | | | | | |
| Brightness Uniformity: | ≥95% (SUR25) | | | | | |
| Display Area (W×H): | 1107 × 622 mm | | 1328 × 747 mm | | 1550 × 872 mm | |
| Dimensions (W×H×D): | 1107 × 1069.67 × 432 mm | | 1328 × 1270 × 487 mm | | 1550 × 1489 × 553 mm | |
| Weight: | ca. 63 kg (incl. projection engine and screen) | | ca. 72 kg (incl. projection engine and screen) | | ca. 98 kg (incl. projection engine and screen) | |
| Housing: | Powder-coated aluminum. Self-stacking structure, no secondary steel-work required | | | | | |
| Input: | Signal: 1× DisplayPort 1.2 Communication: RS232 (in and out for daisy chain), 1× LAN | | | | | |
| Supported Frame Rates: | 48 to 64 Hz (non-stereo), 120 Hz (active stereo) | | | | | |
| Colour Control: | Automatic colour adjustment, internal True-Colour sensor | | | | | |
| Projection Screen: | Standard: ISE Screen (Improved Screen Element) Option: WVF (Wide View FEL Screen) Other screen options on special request | | | | | |
| Screen Gap: | 0.2 - 1.0 mm (rear support) / 1.5 - 2.0 mm (front support) | | | | | |
| Power Consumption*: | Full Brightness Mode: 155 W Normal Operation Mode: 130 W Reduced Power Mode: 80 W | | | | | |
| Heat Dissipation: | 444 BTU/h (typ.) | | | | | |
| Median LED Lifetime: | >60,000 hrs under normal environmental conditions / L70B50 manufacturer information) (75,000 - 90,000 hrs in 'Low Power Operation Mode', i.e. additional 15,000 to 30,000 hrs depending on the amount of power reduction) | | | | | |
| Software: | eyeDesign Software | | | | | |

ENVIRONMENTAL

| | |
|-------------------------|--|
| Temperature Conditions: | 10-40° C recommended 15 - 25 °C for Seamless Screens 18 - 25 °C Storage: 0 - 50 °C |
| Humidity: | 0% - 80 % not condensing |
| Altitude: | 0 - 3000 m |
| Noise Level: | ≤ 30 dB with enclosure at 3 metres distance from screen facing side |

OPTIONS

- Steel basement, different heights, customizable to required height of the lower edge of the video wall
- Different adapters for HVAC connection

ORDERING INFORMATION

| MODEL NAME | DESCRIPTION | SCREEN TYPE | SERVICE ACCESS | ITEM NUMBER |
|-----------------------|--------------------------------|-------------|-------------------------|-------------|
| EC-50-LHD-ISE-SLIM | 50-inch Slim LED-lit DLP® Cube | ISE Screen | Rear-Support | 20612 |
| EC-50-LHD-ISE-SLIM-FS | | | Front- and Rear-Support | 22806 |
| EC-50-LHD-WVF-SLIM | 50-inch Slim LED-lit DLP® Cube | WVF Screen | Rear-Support | 23465 |
| EC-50-LHD-WVF-SLIM-FS | | | Front- and Rear-Support | 24440 |
| EC-60-LHD-ISE-SLIM | 60-inch Slim LED-lit DLP® Cube | ISE Screen | Rear-Support | 21064 |
| EC-60-LHD-ISE-SLIM-FS | | | Front- and Rear-Support | 22807 |
| EC-60-LHD-WVF-SLIM | 60-inch Slim LED-lit DLP® Cube | WVF Screen | Rear-Support | 22807 |
| EC-60-LHD-WVF-SLIM-FS | | | Front- and Rear-Support | 24441 |
| EC-70-LHD-ISE-SLIM | 70-inch Slim LED-lit DLP® Cube | ISE Screen | Rear-Support | 21065 |
| EC-70-LHD-ISE-SLIM-FS | | | Front- and Rear-Support | 22808 |
| EC-70-LHD-WVF-SLIM | 70-inch Slim LED-lit DLP® Cube | WVF Screen | Rear-Support | 23467 |
| EC-70-LHD-WVF-SLIM-FS | | | Front- and Rear-Support | 23937 |

*) Full Brightness Mode -> full LED brightness with calibrated colours / Normal Operation Mode -> approx. 70% of LED brightness with calibrated colours



eyevis GmbH

Hundsschleerstrasse 23 • 72766 Reutlingen • Germany
 Phone: + 49 (0) 7121 43303 - 0 • Fax: + 49 (0) 7121 43303 - 22
 www.eyevis.de • info@eyevis.de

As at: 22.02.2017 / V1.0 • Subject to change!

All trademarks and registered trademarks are the property of their respective owners. Copyright © 2017. eyevis GmbH. All rights reserved.