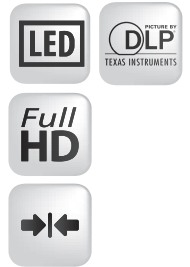
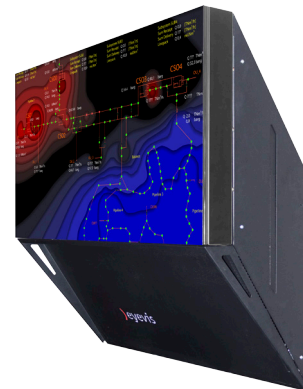




EC-50-LHD-ISE-SLIM

50-INCH DLP® SLIM-CUBE WITH FULL-HD RESOLUTION, LED ILLUMINATION AND ISE REAR-PROJECTION SCREEN



) PRODUCT DESCRIPTION

Slimmer, faster to install and easier to service: These are the features of the new Slim-rear projection-cubes type **EC-50-LHD-ISE-SLIM** by eyevis for the professional usage in control rooms and TV studios. With a minor **depth of only 422 mm with 50-inch screen diagonal 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 of only 422 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 heatpipe cooling

) INTEGRATED CONCEPT

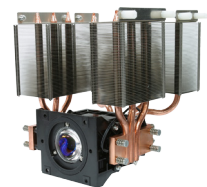
PROJECTION-UNIT IN SINGLE-MODULE DESIGN

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.

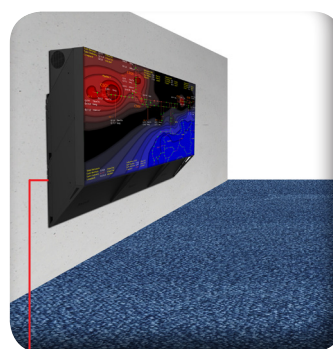
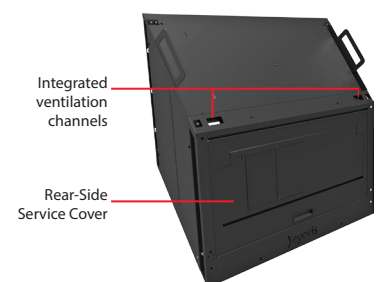
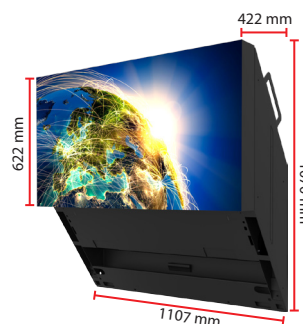


HEATPIPE COOLING SYSTEM

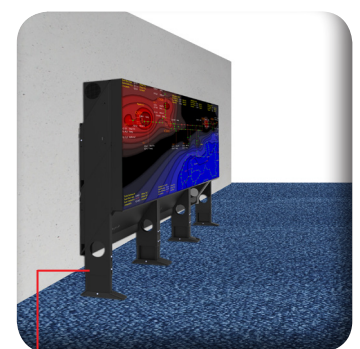
eyevis slim-cubes rely on our innovative heatpipe cooling system, which has proven its reliable and highly effective function in thousands of cubes in diverse operating conditions. In addition to that, our heatpipes require absolutely no servicing and contain no toxic liquids.



) DIMENSIONS / REAR VIEW / INSTALLATION



Direct wall-mount



Installation on height-adjustable pedestals



EC-50-LHD-ISE-SLIM

50-INCH DLP® SLIM-CUBE WITH FULL-HD RESOLUTION, LED ILLUMINATION AND ISE REAR-PROJECTION SCREEN



) TECHNICAL SPECIFICATIONS

Type:	EC-50-LHD-ISE-SLIM, eyevisCube 50" with Cluster-LED illumination and native Full HD resolution
Description:	Digital 50" DLP®-rear-projection unit with slim design, stackable and addible, for data and video representation, incl. preparation for wall mounting, integrated front- and rear-side accessibility for installation and maintenance
Resolution:	1920 × 1080 Pixel (Full HD / 16:9)
Processing:	1080P / 0.65 inch DMD
Brightness*:	ISE Screen: 370 cd/m ² (max. / Full Brightness Mode) 300 cd/m ² (typ. / Normal Operation Mode)
Contrast Ratio:	1000:1 (typ. / static Contrast)
Brightness Uniformity:	≥95% (SUR25)
Display Area (W×H):	1107 × 622 mm (ca. 50 inch / ca. 127 cm screen diagonal)
Dimensions (W×H×D):	1107 × 1069.67 × 422 mm
Weight:	ca. 63 kg (incl. housing, projector, input box and screen element)
Input:	Signal: 1× DVI-Input 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:	ISE Screen (Improved Screen Element)
Frame:	≤ 0,3 mm
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:	> 50,000 hrs under normal environmental conditions / L70B50 manufacturer information (> 60,000 - 70,000 hrs in 'Reduced Power Operation Mode', i.e. additional 10,000 to 20,000 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:	≤ 36 dB

ORDERING INFORMATION

Item Numbers:	20612 -> EC-50-LHD-ISE-SLIM (50" DLP® SLIM-Cube with Full-HD resolution, LED illumination and ISE rear-projection screen)
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OPTIONS

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

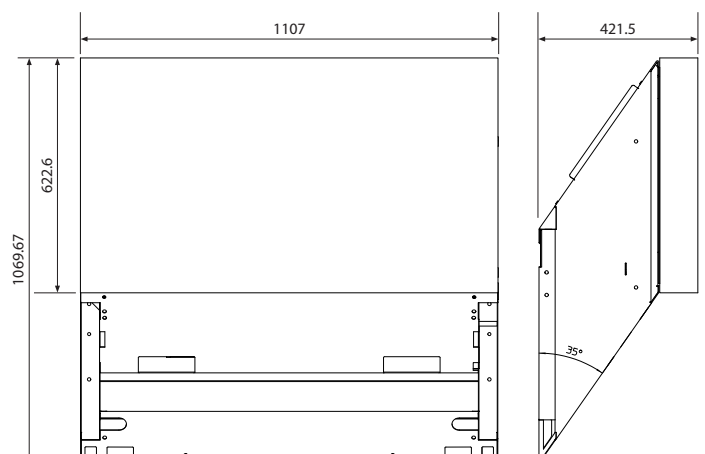
*) Full Brightness Mode -> full LED brightness with calibrated colours / Normal Operation Mode -> approx. 70% of LED brightness with calibrated colours

***) Available from Q1/2016

) PICTURE WALL-MOUNTED 2×2 SLIM CUBE WALL



) DRAWING



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