

## ) **EC-67-HD**

The eyevis EC-67-HD is a modular rear-projection cube with a screen diagonal of 67". The HD Cubes from the EC-series are a proprietary development from eyevis. It is especially designed for applications which require a reliable 24/7 operation in an 16:9 aspect ratio. The display technology is based on the DLP™ technology (Digital Light Processing) by TEXAS INSTRUMENTS. This superior technology produces high-definition images of the highest quality. Whether you want to display video data or more complex graphics – you will always get a pin sharp image.

eyevis attached much importance on the possibility to use their cubes even in critical ambient light conditions or other challenging safety-related problems. The HD version uses a 1-chip-DLP™ projector with a **display resolution of 1920 x 1080 pixels**. The MTBF of the 135-150 Watts lamps is indicated by the manufacturer with 6000 hours. Due to the use of the DLP™ technology there is no damage to the display, such as "ghost"-images or burn-in effects, even with continuous static images or fixed patterns.

Since the foundation of the company twelve years ago, eyevis has done a lot of pioneer work in the fields of continuously operating DLP™ applications. Also ergonomic requirements calculation is carried by the high image quality.

In numerous tests and comparisons the DLP™ technology turned out to be the most reliable for continuous operation. The MTBF of the DMD™ chips is about 100 000 hours. Of course, all the other parts of the device share the same high standards. This results in low service and maintenance costs for our customers.

The EC-67-HD has a screen size of 1460 mm width and 821 mm height and is available with a standard "seamless" frame (0,3 mm). Only components of highest quality are built in the EC-67-HD, in order to ensure the highest possible availability for 24/7 operation.

Therefore the new eyevis EC-series allows realising completely flexible display walls, providing the highest colour fidelity, a maximum of brilliance and outstanding reliability.



- ▶ **full HD Resolution**
- ▶ **1920 x 1080 Pixels**
- ▶ **16:9 Wide Screen Format**

### **Outstanding picture quality**

- High contrast and best brightness
- Colour uniformity and wide viewing angle
- Latest DLP™ technology
- Real HD resolution (1920 x 1080 pixels)

### **Ergonomics**

- Very low noise level
- No chromatic dispersion
- Flexible image quality, adjustable conditions
- Perfect display of video signals

### **Availability and reliability**

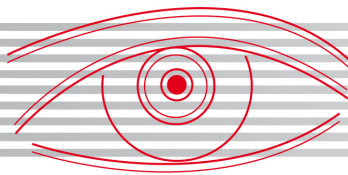
- Qualitative high value components
- High MTBF
- High user-friendliness
- Optional with automatic double-lamp system

### **Precision screen concept**

- Perfect viewing angle
- Minimum bar thanks to clipping method
- Very easy and fast installation

### **Durability**

- Durable and constant picture quality on all projection modules
- Modular, highly available display concept for 24/7 operation
- Low service and maintenance costs
- Long life color wheel



## Digital HD DLP™-Rear-projection Cube

# ) EC-67-HD



### TECHNICAL SPECIFICATIONS:

Type:	EC-67-HD eyevisCube 67" HD
Description:	Digital 67" DLP™-rear-projection unit, stackable and addible, for data and video representation
Image Resolution:	1920 x 1080 Pixel (Full HD) / Chip: DMD-Chip
Processing:	Texas Instruments DDP3021
Brightness:	1000 ANSI Lumen
Contrast Ratio:	>4500:1
Brightness Uniformity:	>95%
Image Size (WxH):	1460 x 821 mm (ca. 67" screen diagonal)
Dimensions (WxHxD):	1460 x 1016 x 1000 mm (step-shaped housing + screen)
Weight:	approx. 90 kg
Input:	1 DVI
Projection Screen:	Seamless Black Bead or seamless Cross Prism Screen, viewing angle horizontal & vertical 180°
Frame:	0.3 mm
Power Consumption:	180 W at 110/235 V with 132 - 150 Watt Lamp
Lamp Consumption:	132-150 W
Lamp Life-Time:	approx. 6 000 h at 132-150 Watt (manufacturer information MTBF)
Software:	eyevisCubeManager

### Ambient Conditions

Operating Conditions:	recommended 18 - 25 °C; 10 - 35 °C; for Seamless Screen 18 - 25 °C; Storing: 0 - 50 °C
Humidity:	0% - 80 % not condensating
Altitude:	0 - 3000 Meter
Noise Level:	<30dB
Thermal Load:	180 Watt

### Optional Equipment:

	- optional with automatic double-lamp system
	- Lamp Leasing
	- Service and Maintenance Contract

DLP™, DMD™, Texas Instruments™ are registered Trademarks of Texas Instruments.  
eyevis™, netpix™, eyecon™ and eyevis EC cube™ are registered Trademarks of eyevis GmbH.



**eyevis GmbH**  
In Laisen 76  
72766 Reutlingen  
Germany

Tel.: + 49 (0) 7121 43303 - 0

Fax: + 49 (0) 7121 43303 - 22

www.eyevis.de • info@eyevis.de

As at: October 2008

Subject to technical change without prior notice!

Copyright © 2008 eyevis GmbH. All Rights Reserved.

