

for Control Rooms, Security Centres,
Information and Communication



eyevis DLP® Cube Series

REAR PROJECTION IN PERFECTION

Stackable Quality and Innovation: Advantages of eyevis Cubes



Innovation and quality: Cubes from eyevis' EC series

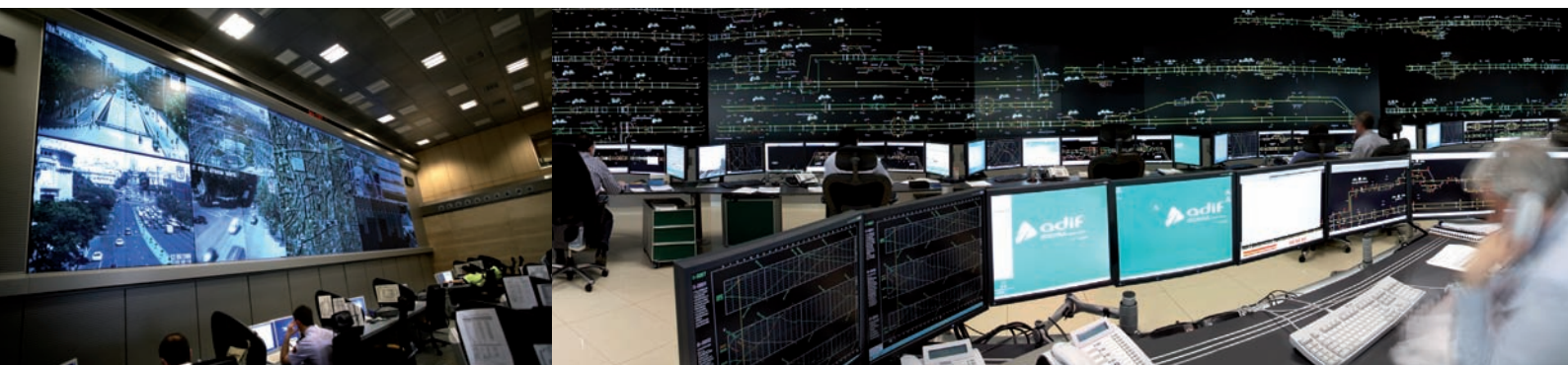
eyevis developed the EC series on the basis of many years of experience with large screen technology in various fields of use. The robust rear-projection modules are available with screen diagonals from 50" to 100", and with image resolutions from XGA, up to SXGA+, and HD. The cubes are stackable to build up display walls of almost unlimited size. The seamless design of the cubes avoids annoying gaps between adjacent modules of a video wall. Of course, our cubes have best brightness and contrast characteristics which makes them a first choice for sophisticated applications in the control room sector operating in operating in 24/7 mode. All eyevis cubes include the eyeCube Software for simple setup, image adjustment and status reports.

DLP®-based image processing for highest quality and reliability

From the very moment when Texas Instruments brought its DLP® technology onto market, eyevis relied on this revolutionary and superior technology for image processing. The image quality achieved by eyevis cubes through the combination with this high-end level designed technology simply convinces. Consequently, the new eyevis EC Series is at the cutting edge of DLP® technology. Hence, we can offer our customers an absolutely well-engineered product that combines years of experience with its practical use and development. No flickering, absolutely clear colours and an image sharpness that shows every detail in perfect brilliance - these are the resulting benefits for our customers.

Revolutionary LED-lit projection concept for the EC cubes series

As an alternative to conventional projection lamps, eyevis offers its new optical LED projection engine for the EC Cube Series applying 1-panel DLP® technology without colour wheel and without Lamp, using RGB LED illumination. Main advantage of these systems is their low running costs. Thanks to the use of LED light technology, wear parts such as lamps and colour wheels are no longer necessary. This also enhances the life-time of the entire system. The MTBF of the LEDs is indicated with 60,000 hours, which is about five times more than with conventional lamps. Further advantages compared with traditional lamp systems are the outstanding colour representation, high contrast, higher colour fidelity, improved black-values, lower costs for operation and maintenance (no replacements of lamps and colour wheels necessary), up to 1.8 times wider colour, and improved ecological behaviour since no mercury is used.



) REFERENCES

We have set up new standards with all of our realised projects. Here you can find an extract from our reference list.

-) ABB
-) Abertis
-) Abu Dhabi Army
-) ADIF
-) Airbus
-) Alstom
-) Anas S.p.A.
-) ARD
-) Armée Française
-) BMW
-) CFE Mexico
-) Daimler AG
-) Deutsch Bundeswehr
-) DHL
-) E.on
-) EDF
-) Emerson Process Management
-) EnBW
-) Energoneft
-) Flughafen München
-) French Ministry for Foreign Affairs
-) Hennessy
-) Invensys
-) Kepco

Technical Specification:

Type	EC-xx-XT , eyevis DLP® rear projection cube with UHP projector lamp
Resolution	XGA (1,024x768 Pixel)
Aspect Ratio	4:3
Screen Diagonals	50", 67", 70", 80", 100"

Type	EC-xx-SXT , eyevis DLP® rear projection cube with UHP projector lamp
Resolution	XGA (1,280x1,024 Pixel)
Aspect Ratio	4:3
Screen Diagonals	50", 67", 70", 80", 84", 100"

Type	EC-xx-SXT+ , eyevis DLP® rear projection cube with UHP projector lamp
Resolution	SXGA+ (1,400x1,050 Pixel)
Aspect Ratio	4:3
Screen Diagonals	50", 67", 70", 80", 100"

Type	EC-xx-HD , eyevis Cube with UHP projector lamp
Resolution	Full HD (1,920x1,080 Pixel)
Aspect Ratio	16:9
Screen Diagonals	60", 67"

Type	EC-xx-LSXT+ , eyevis DLP® rear projection cube with LED illumination
Resolution	SXGA+ (1,400x1,050 Pixel)
Aspect Ratio	4:3
Screen Diagonals	50", 70"

Type	EC-xx-LHD , eyevis DLP® rear projection cube with LED illumination
Resolution	Full HD (1,920x1,080 Pixel)
Aspect Ratio	16:9
Screen Diagonals	60", 67"

) eyevis cubes are available in more sizes and resolutions on request.

Options	) Automatic double-lamp system cold stand-by (hot stand-by optional available), including 2-channel power supply and ballast
	) Scaler Board (internal split controller up to 10x10 display matrix, with 2x DVI, 2x RGB, 2x Video)
	) Different screen alternatives on request
	) Additional DVI input
	) Multi-Cube Colour-Brightness adjustment
	) Front service mechanism for front access for service and maintenance works
	) Network board
	) Enclosed dustproof housing
	) Lamp leasing contracts
	) Service and maintenance contracts



-) Kubanenergo
-) Lentransgaz
-) LUKOIL
-) Mapna
-) Mosenergo
-) NATO
-) Oman Mobile
-) Orange

-) Petrobras
-) Petróleos de Venezuela S. A.
-) President Office Mexico
-) Rabobank
-) RATP
-) Renfe
-) ROK Army
-) RWE

-) SANEF
-) Siemens
-) SNCF
-) Telefonica
-) THALES
-) Traffic Control Centre Stuttgart
-) Transco
-) Tupras

-) TV2
-) US Army
-) Vattenfall
-) Vodafone
-) Volkswagen
-) ZDF

Highest quality presentation technology for our customers

Best quality is our foremost concern

eyevis' principle is to provide our customers with most modern presentation technology at a high-quality level. We always try our best to provide our customers with complete systems that guarantee trouble-free operation. All components of our systems are perfectly compatible to ensure reliable long-time operation. Beginning from the displays solution, to the graphics controller and software, to our range of accessories – whatever you need, we have it – complete perfect visual solutions.

Innovative large screen systems for sophisticated applications in security areas

One of the best large screen systems has become even better. In a proprietary development the new eyevis EC series has been designed especially for continuous operation. eyevis attached much importance on the use of the systems under critical light conditions or other security related problems. For this reason it is worth to rely on the latest generation of a well-established technical solution, which fulfils all necessary requirements.

Cubes from eyevis' EC series: Technology that stands any comparison

Cubes from eyevis offer unparalleled availability and reliability, due to the brilliant quality of the product, its modular and strictly practice orientated design and features such as double-lamp systems, front service options or comprehensive status messages. The result: Many available options, the systems only need a low depth for their integration and are easy and fast to mount and install. In addition to that, the coherent design of the EC Series provides easy and manageable calculation of service and maintenance costs to our customers.

Hence, we can offer our customers an absolutely well- engineered product that combines years of experience with its practical use and development.

No flickering, absolutely clear colours and an image sharpness that shows every detail in perfect brilliance - these are the resulting benefits for our customers.



) OUTSTANDING IMAGES

-) High contrast and best brightness
-) Stable colours across all cubes in a combined video wall
-) Almost invisible gaps
-) Use of latest DLP® technology



) LONG LIFECYCLE

-) Uniform image quality over lifetime
-) Modular, highly available design for 24/7 operation
-) Low costs for service and maintenance
-) Long life colour wheel



) ERGONOMICS

-) Little noise development
-) No rainbow effects
-) Flexible image quality, adjustable to surrounding light conditions



) OPTIMISING FEATURES

-) Dynamic brightness adjustment
-) Fast and simple parameter settings
-) Intelligent colour wheel
-) Intelligent lamp system
-) Optional front-service mechanism



) RELIABILITY

-) Redundancy through automatic double-lamp system
-) High quality components
-) High MTBF
-) Very user-friendly design



) PRECISION SCREENS

-) Optimal viewing angle
-) Ambient light absorbing
-) Easy screen mounting
-) Different screen alternatives

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