CRY-250v4-1.86- GOB

GOB LED MODULE FOR COMPOSITE SCREENS FOR FIXED INSTALLATIONS, 1.86MM PITCH

CRY-250v4-1.86- GOB

The Crystal GOB Series expands the range of solutions that Helvia offers to AVL professionals, introducing an advanced level of protection and visual performance. The need for clean, reflection-free, modular, and compact video remains central, but the addition of **GOB (Glue-On-Board)** LED tiles brings new advantages in durability and reliability.

Thanks to its **protective resin coating**, each LED is sealed against dust, moisture, and mechanical impact, making the Crystal GOB Series **ideal for demanding environments or high-traffic installations**. This surface protection not only extends the lifespan of the LEDs but also **improves contrast and color uniformity**, ensuring a clear and vibrant image even under challenging lighting conditions.

Like the standard Crystal Series, the Crystal GOB Series features **Nationstar LEDs**, recognized as an industry benchmark for quality and safety. The **reduced pixel pitch** and high energy efficiency guarantee **sharp**, **stable images** and **lower power consumption**. The diecast aluminum chassis minimizes weight, while the **front magnetic access system** allows quick and convenient maintenance without dismantling the structure, ensuring maximum operational efficiency.

In summary, the **Crystal GOB Series** retains all the strengths of the Crystal line while offering enhanced protection, superior visual performance, and greater reliability where durability truly matters.

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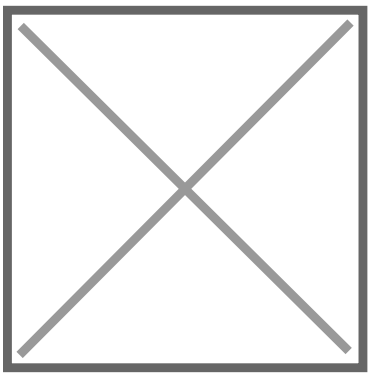
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HIGHLIGHTS

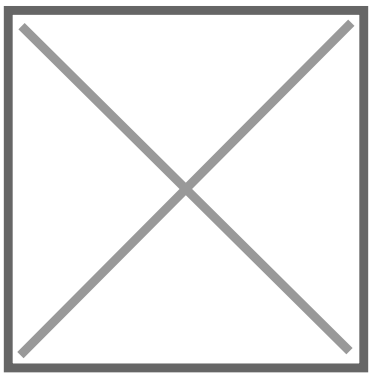


ENHANCED SURFACE PROTECTION

The **GOB coating** seals each LED with a durable transparent resin, creating a smooth, impact-resistant surface that protects against water, dust, moisture, and accidental contact.

RELIABLE IN TOUGH ENVIRONMENTS

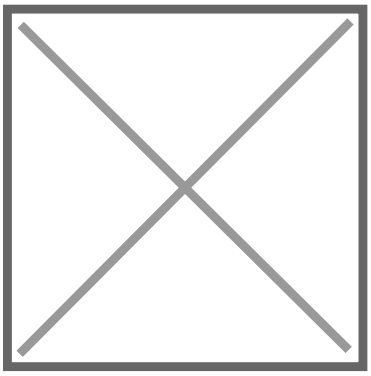
Designed to perform in **high-humidity** or **dusty conditions**, GOB panels maintain consistent brightness and color accuracy where traditional LED modules may fail.



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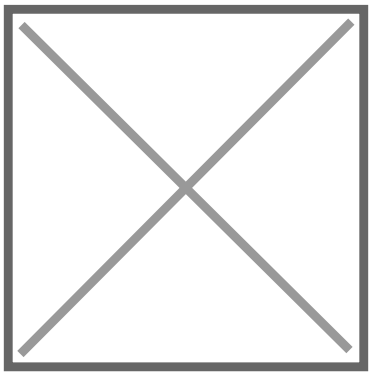


SUPERIOR IMAGE QUALITY

GOB LED tiles deliver **exceptional visual clarity** thanks to their smooth, resin-coated surface. The protective layer enhances contrast and color uniformity due to reduced light leakage between pixels.

FRONT-SERVICE EFFICIENCY AND SEAMLESS DESIGN

The combination of **front-service design** and **GOB technology** ensures a seamless installation in any environment, providing a perfectly uniform display surface with no visible gaps between modules or cabinets.



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PRODUCT DETAILS

KEY FEATURES

- 1.86mm LED module pitch for indoor use
- GOB (Glue-On-Board) LED modules for improved durability and image quality
- Equipped with long lasting high quality Nationstar LEDs
- Sturdy and easy to install
- Magnetic Front Access
- Aluminum frame

SPECIFICATIONS

Pixel Pitch	1.86mm
LED Type	Nationstar 1515 3 in 1 RGB
Brightness	600-800 nits/sqm
Module Size	W640mm x H480mm x D58mm
Number of Tiles per Module	6
Cabinet Area	0.3sqm
Cabinet Weight	8.3Kg
Recommended viewing distance	>1,8 m
Cabinet Material	Aluminum
Manteinance	Front
Viewing Angle	160°

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Color Temperature	6500-8000K
Refresh rate	> 3840 Hz
LED Lifetime	>100000 Hrs
Defect Rate	1/10000 pixels
Contrast Ratio	5000:1
Input Power (max)	800W/sqm
Input Power (typical)	240W/sqm

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