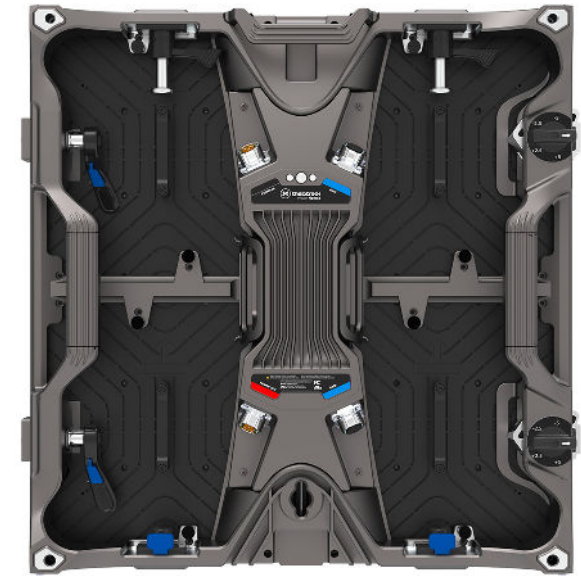
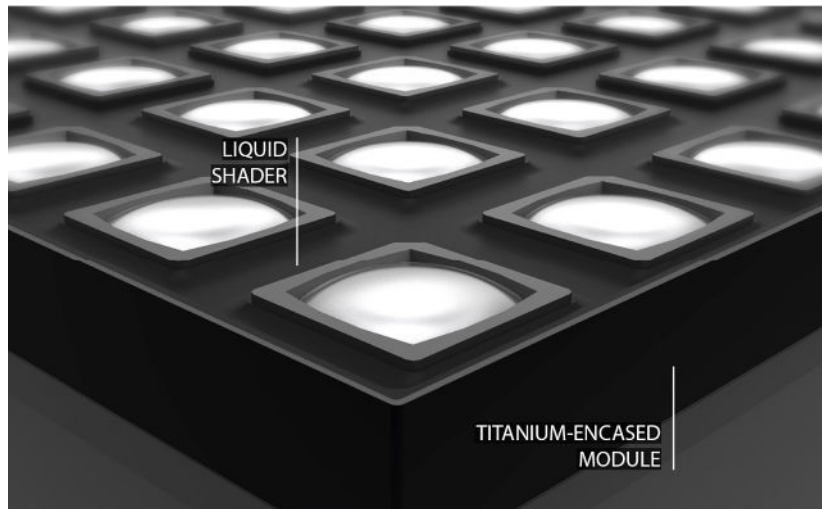


# xVision Nomad 2.6 Indoor TPEP

- Unique, proprietary **TPEP (Titanium/Polymer Edge Protection)** technology provided unparalleled module protection and durability.
- High-endurance design built for demanding environments translates **greater return on investment (ROI)** than any other traditional fine-pitch LED technology.
- **Highest refresh rate of 7,680 Hz** provides the greatest dynamic range and grayscale depth, especially at lower brightness settings.
- **Curvable at +/- 2.5 and 5 degrees** using proven rotary angle hub system.
- Rear serviceable, but can be converted to front service thanks to **magnetic modules**.
- Monolithic, **field-replaceable tile controller**, including power supply and all tile electronics.
- Calibration **data stored on board** modules.
- Rugged yet lightweight **aluminium chassis** in industry-standard **500 x 500 mm dimensions**.
- **Complete solution:** High-quality flight cases, rigging accessories, ground support system, power distribution & cabling available.
- Proven **XVT connector system** for power and data provide the greatest connection reliability on the market.



## About TPEP Technology

- Titanium-encased module protects against direct edge impacts the most common source of LED damage.
- Liquid shader replaces traditional solid shaders. This eliminates screws, brittle plastic, and provide a unencumbered, 170 degrees viewing angle.
- Easily serviceable with affordable specialized tooling.
- Polymer compound provides mechanical bonding between pixels, without covering LED lenses or altering their colour spectrum.
- Use of industry-standard LEDs mean all batch-matching and calibration methods can be seamless applied.

# xVision Nomad 2.6 Indoor TPEP

## Pixel

Packaging..... RGB SMD 1415 3-in-1  
Packaging Manufacturer .....Nationstar  
Pixel Pitch ..... 2.60 mm  
LED Technology Type.....TPEP

## Processing

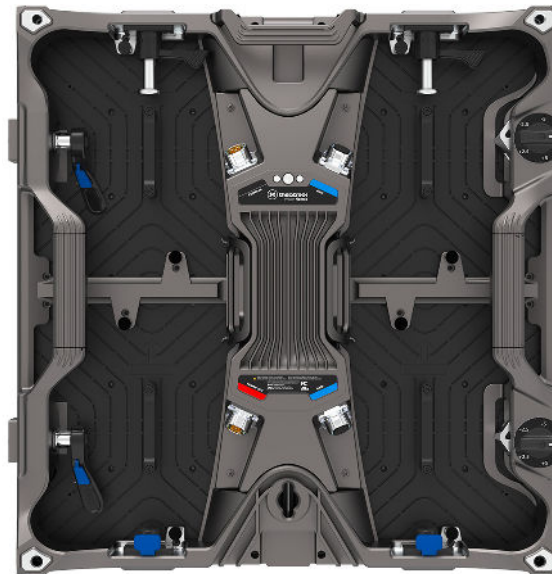
Driving mode..... 1/16  
Driver IC ..... MBI5264  
Distribution Architecture.....Common Anode  
Grayscale Depth..... 16 bits  
Refresh Rate.....7,680 Hz  
Video Frame Rate .....60 Hz  
LED Control System ..... Novastar

## Certifications

Electrical Safety ..... UL 60950-1:2007,  
CSA C22.2#60950-1:2007  
Electro Magnetic Compliance...FCC Part 15 Class A,  
ICES-003/NMB-003 Class A  
Warranty .....2 years

## Optical

Brightness ..... 1,200 nits  
Contrast Ratio ..... 4000:1  
Lifespan..... 100,000 hours  
MTBF ..... > 20,000 hours  
Horizontal Viewing Angle.....170 degrees  
Vertical Viewing Angle.....170 degrees



## Physical Specifications

Height..... 500 mm  
Depth.....79 mm  
Width ..... 500 mm  
Weight..... 10.88 kg (24.00 lbs)

## Mechanical

Module Resolution.....96 x 96 px  
Module Protection .....Titanium edge  
Panel Resolution ..... 192 x 192 px  
Panel Construction .....Die-cast aluminium

## Power Requirements

Max Power Consumption .....265 W/panel  
Average Power Consumption.....180 W/panel  
Input Voltage ..... 100-240V, 50-60Hz auto-ranging

## Environmental

Protection Rating ..... IP30  
Operating Temperature ..... -30C @ +60C  
Storage Temperature ..... -40C @ +70C  
Relative Humidity..... 10-95% Non-condensing