



# Install 2.5mm UHD

xVision Install Series



## #XVI-UHD-2.5

Introducing the highest resolution LED displays from Theatrx yet. Featuring an extremely slim profile of less than 1.5 inches and a precision-milled chassis, the xVision® Install Indoor UHD panels look great from the boardroom to the stage and ensure your content is displayed with the highest level of detail. With a minimum viewing distance as low as 5 feet with the 1.2 mm option, the xVision® Install Indoor UHD is able to bring content to life in smaller spaces where LED technology was neither practical nor cost-effective before. The product is also available with 1.9- and 2.5-mm pitches for larger rooms where a larger audience will experience the content at further distances. LED technology delivers incredible brightness and contrast, as well as features that are simply out of reach of traditional LCD displays and video walls, such as zero bezel and unlimited configuration possibilities. The tiles can be connected together to achieve any display shape or size required – and when it's time to display a standard 4K or full HD image, they are already sized to the perfect 16:9 aspect ratio, so you never have to do any cropping of your picture. Full front-service accessibility means the screen can be installed flat on the wall, and an included edge trim finish accessory ensures the finished screen looks neat and tidy, with no cables, screws, or any other hardware visible to the end user.

### Pixel

#### LED package

RGB SMD 3-in1

#### LED Type

Kinglight Golden Wire



## Mechanical

### Pixel pitch

2.5 mm

### Cabinet material

Die-casted aluminium, CNC-milled for precision Module resolution

### Module resolution

60 x 68 px

### Module dimensions

152.5 x 171.5625 mm

### Panel resolution

240 x 135 px

### Panel dimensions

610 x 343.125 mm

### Panel thickness

38.5 mm

### Panel weight

7 kg (15.43 lbs)

### Installation & serving

Front access to all components and connection points.  
All electronic component connected by internal PCB.  
Cable throughs in side of cabinets for discreet interconnect wiring.



## Electrical

### Max power consumption

85 W/panel

### Average power consumption

32 W/panel

### Input voltage

100-250, 50-60 Hz auto-ranging

## Optical

### Brightness

600 nits

### Lifespan

50 000 hours

### Color temperature

Adjustable 3200-9000k

### Horizontal viewing angle

140°

### Vertical viewing angle

140°

## Processing

### Grayscale depth

14 bit

### Refresh rate

3840 Hz (broadcast-grade)



## Environmental

### Protection rating

IP30 (indoor use only)

### Operating temperature

-10°C ~ +40°C

### Operating humidity

10-85 % non-condensing

### Warranty

2 years

## Control

### Input

DVI-D

### Input resolution

Up to 1920 x 1080

### Output resolution

500 k pixels per output

### USB

via Pc-Based Software

## Connection System

### Type

Quick-lock, IP65 multipin

### Mating Lifetime

500 cycles



**Power**

3-pin 12/3, 20A rated

**Data**

9-pin CAT6

**Certification**

**Electrical safety**

UL60950-1:2007,  
CSA C22.2#60950-1:2007

**Electro magnetic  
compliance**

FCC Part 15 Class A  
ICES-003/NMB-003 Class A

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**Certifications**

