



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

68 x 60 px

Module dimensions

171.5625 x 152.5 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

Certifications

