

iLED-US1.2COB-X

Vistrol X Series Ultra Slim LED Display Panel

iLED-US1.2COB-X is an ultra-thin, high-performance indoor LED display with a sleek $\geq 17\text{mm}$ profile and 2.5kg cabinet. Its modular, card-free design supports fast front installation and clean cable management. Powered by the Alpha chip, it delivers vivid, lossless visuals with enhanced color detail. Built with aerospace-grade materials and a safe 24V system, it offers excellent protection shock-proof, moisture-proof, dust-proof, and anti-static for long-term reliability in luxury spaces, control rooms, and conference environments.

**17mm Thickness Cabinet****Features**

- **The World's Thinnest COB Wallpaper Screen**
Self-developed highly integrated design, just 17mm thickness and 8kg per cabinet.
- **Direct Connection Without Sending & Receiving Cards**
Replaces a series of complex processes of traditional LED screens. Such as driver IC, signal modulation and logic control.
- **Brilliant Patented Technology**
Pure Black coating formula and manufacturing process create ultra high static contrast, making images clearer and brighter.
- **Excellent Protection**
Enjoy energy savings without compromising on brightness. COB displays are highly efficient, reducing power consumption while maintaining vivid visuals.
- **Safe Low Voltage Design**
24V DC voltage transmission to eliminate safety hazards and electrical interference.
- **Building Block Splicing Design**
Support 1080P, 2K, 4K, 8K resolution display, free splicing.

✓ Technical Specifications

iLED-US1.2COB-X	
Pixel Pitch (mm)	1.25
Pixel Configuration	Full flip RGB LED (COB)
Pixel Density (pixel/m ²)	640000
Cabinet Size (mm)	600 x 337.5
Cabinet Resolution	480 x 270
Weight (kg)	2.5
Brightness (cd/m2)	0-1000 adjustable
Color Depth	36bit (RGB)
Contrast Ratio	100,000:1
Refresh Frequency	3840Hz
Viewing Angle (H°/V°)	≥178°/178°
Brightness Uniformity	≥98%
Cabinet Flatness (mm)	≤0.05
Power (W/m2)	100
Color Temperature	1000-24000K adjustable
Maintenance Method	Front Maintenance
Operating Temperature	-20°C-55°C
Working Humidity	10%-90% RH

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ISO 9001:2005 Certified Company:



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