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INNOVATIVE VISUAL TECHNOLOGIES

IRO Series

Indoor Rollable LED Display-P0.78, P1.25,P1.5 P1.9, P2.6, P3.9

- Rollable Design
- Mechanical lifting
- Excellent Performance
- Quick Installation
- Slim Design
- 3840Hz
- Easy Maintenance
- Seamless connection

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Breakthrough Innovative Design

The LED Rollable LED Screen features an advanced structural design that allows the screen to be rolled up like paper. Its ultra-thin and flexible form makes it an ideal replacement for traditional LED displays in various applications.

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High-Definition Display Performance

Supports multiple pixel pitches: P0.78 / P0.9 / P1.25 / P1.5625 / P1.953 / P2.6 / P3.91 mm, meeting different resolution requirements for diverse scenarios.

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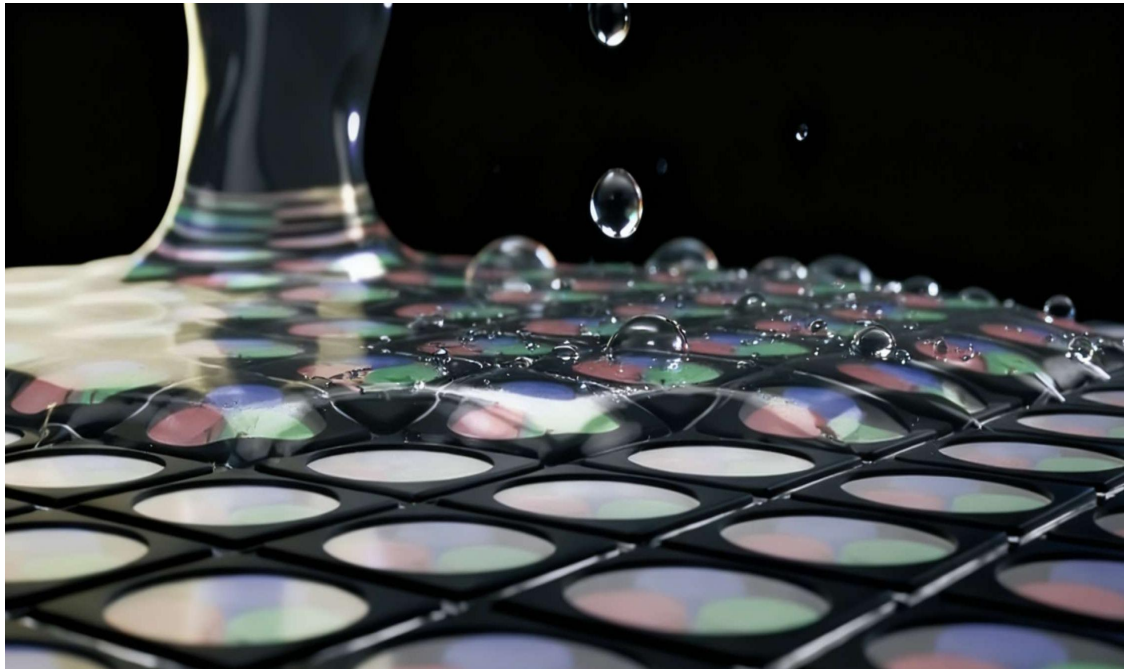
GOB Protection Technology

Equipped with GOB technology offering IK10 impact resistance and IP65 waterproof rating. The surface is anti-slip and anti-glare, ensuring stability and reliability even in challenging environments.



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High-Performance Materials

Built with 6063 aluminum components using a stretching process to ensure excellent flatness during installation. The structure supports a load capacity of over 2500 kg.

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Convenient and Fast Setup

Tool-free, portable, and easy to store. Its simple structural design allows for installation-free setup, effortless folding, and efficient transport.

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Safety First: 36V Low-Voltage Design

Featuring an external power supply and 36V safe voltage for the screen body, ensuring a secure operating environment and providing worry-free usage.

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Application Fields

- Meeting Room
- Exhibition Center
- Shopping Mall
- Classroom

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Item	P0.78	P1.25	P1.5	P1.9	P2.6	P3.9
Pixel Pitch	0.78mm	1.25mm	1.5625mm	1.953mm	2.604mm	3.906mm
LED Type	SMD0606	SMD1010	SMD1010	SMD1010	SMD1415	SMD2020
Module Resolution	320dots x80dots	400dots x50dots	320dots x40dots	256dots x32dots	192dots x 24dots	128dots x 16dots
Driving Mode	1/80scan	1/50scan	1/40scan	1/32scan	1/24scan	1/16scan
Module Pixels	25,600dots	20,000dots	12,800dots	8,192dots	4,608dots	2,048dots
Module Size	250mm x 62.5mm	250mm x 62.5mm	250mm x 62.5mm	250mm x 62.5mm	250mm x 62.5mm	250mm x 62.5mm
Pixel Density	1,643,524dots/㎡	640,000dots/㎡	409,600dots/㎡	262,144dots/㎡	147,456dots/㎡	65,536dots/㎡
Minimum Viewing Distance	≥0.78 m	≥1.25 m	≥1.56 m	≥1.95 m	≥2.6 m	≥3.9m
Brightness	>500nits	>600nits	>600nits	>600nits	>800nits	>800nits
IP Grade	Front IP65/ Rear IP41	Front IP65/ Rear IP41	Front IP65/ Rear IP41	Front IP65/ Rear IP41	Front IP65/ Rear IP41	Front IP65/ Rear IP41
Refresh Rate	**3840Hz**	**3840Hz**	**3840Hz**	**3840Hz**	**3840Hz**	**3840Hz**
Gray Scale	14bits～22bits	14bits～22bits	14bits～22bits	14bits～22bits	14bits～22bits	14bits～22bits
Viewing Angle	H:140° / V:140°	H:140° / V:140°	H:140° / V:140°	H:140° / V:140°	H:140° / V:140°	H:140° / V:140°
Maximum Power Consumption	512W/ ㎡	512W/ ㎡	512W/ ㎡	512W/ ㎡	512W/ ㎡	512W/ ㎡
Average Power Consumption	170W/ ㎡	170W/ ㎡	170W/ ㎡	170W/ ㎡	170W/ ㎡	170W/ ㎡
Screen Lifespan	≥100,000 hours	≥100,000 hours	≥100,000 hours	≥100,000 hours	≥100,000 hours	≥100,000 hours
Input Voltage	AC110V - AC220V @ 50Hz/60Hz	AC110V - AC220V @ 50Hz/60Hz	AC110V - AC220V @ 50Hz/60Hz	AC110V - AC220V @ 50Hz/60Hz	AC110V - AC220V @ 50Hz/60Hz	AC110V - AC220V @ 50Hz/60Hz
Operating Temperature	- 20℃～50℃	- 20℃～50℃	- 20℃～50℃	- 20℃～50℃	- 20℃～50℃	- 20℃～50℃
Operating Humidity	10%～90%	10%～90%	10%～90%	10%～90%	10%～90%	10%～90%
Operating System	Windows (Win7, Win10, etc.)	Windows (Win7, Win10, etc.)	Windows (Win7, Win10, etc.)	Windows (Win7, Win10, etc.)	Windows (Win7, Win10, etc.)	Windows (Win7, Win10, etc.)
Signal Source Compatibility	DVI,HDMI1.3,DP1.2,SDI,HDMI2.0,etc.	DVI,HDMI1.3,DP1.2,SDI,HDMI2.0,etc.	DVI,HDMI1.3,DP1.2,SDI,HDMI2.0,etc.	DVI,HDMI1.3,DP1.2,SDI,HDMI2.0,etc.	DVI,HDMI1.3,DP1.2,SDI,HDMI2.0,etc.	DVI,HDMI1.3,DP1.2,SDI,HDMI2.0,etc.