



BRIGHTEN EVERY MOMENT

▶ LED Displays

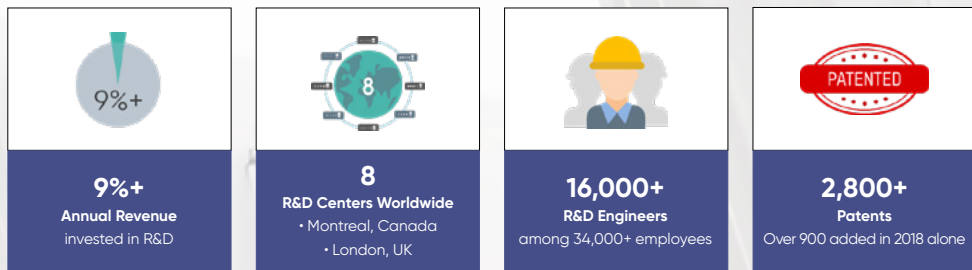
UK & Ireland 2021

HIKVISION[®]

With Hikvision as Your Partner, You Will Stand on a Solid Foundation.

Hikvision is a world leading provider of security products and solutions. Featuring an extensive and highly skilled R&D workforce, Hikvision manufactures a full suite of comprehensive products and solutions for a broad range of vertical markets. In addition to the security industry, Hikvision extends its reach to smart home tech, industrial automation, and automotive electronics industries to achieve its long-term vision. Hikvision products also provide powerful business intelligence for end users, which can enable more efficient operations and greater commercial success. The outstanding capabilities and performance of Hikvision in the security and video surveillance industries have been recognized by leading analyst firms and global awards.





From the early digital age to today's intelligence era, we have seized every opportunity to advance the industry with our innovative technologies.

Hikvision's core technologies include: visual perception, cloud storage, big data, cross-media perception and reasoning, video codec, streaming media networking and management, audio and video data storage, embedded systems development.

As the pioneer in AI technology, Hikvision established an algorithm team for AI technology research in 2006. During this decade, Hikvision first launched deep learning-based servers then expand to a comprehensive range of AI products in 2016. Based on the continually researches and practices, Hikvision developed the AI Cloud structure and ranked No.1 in various global Artificial Intelligence contests.



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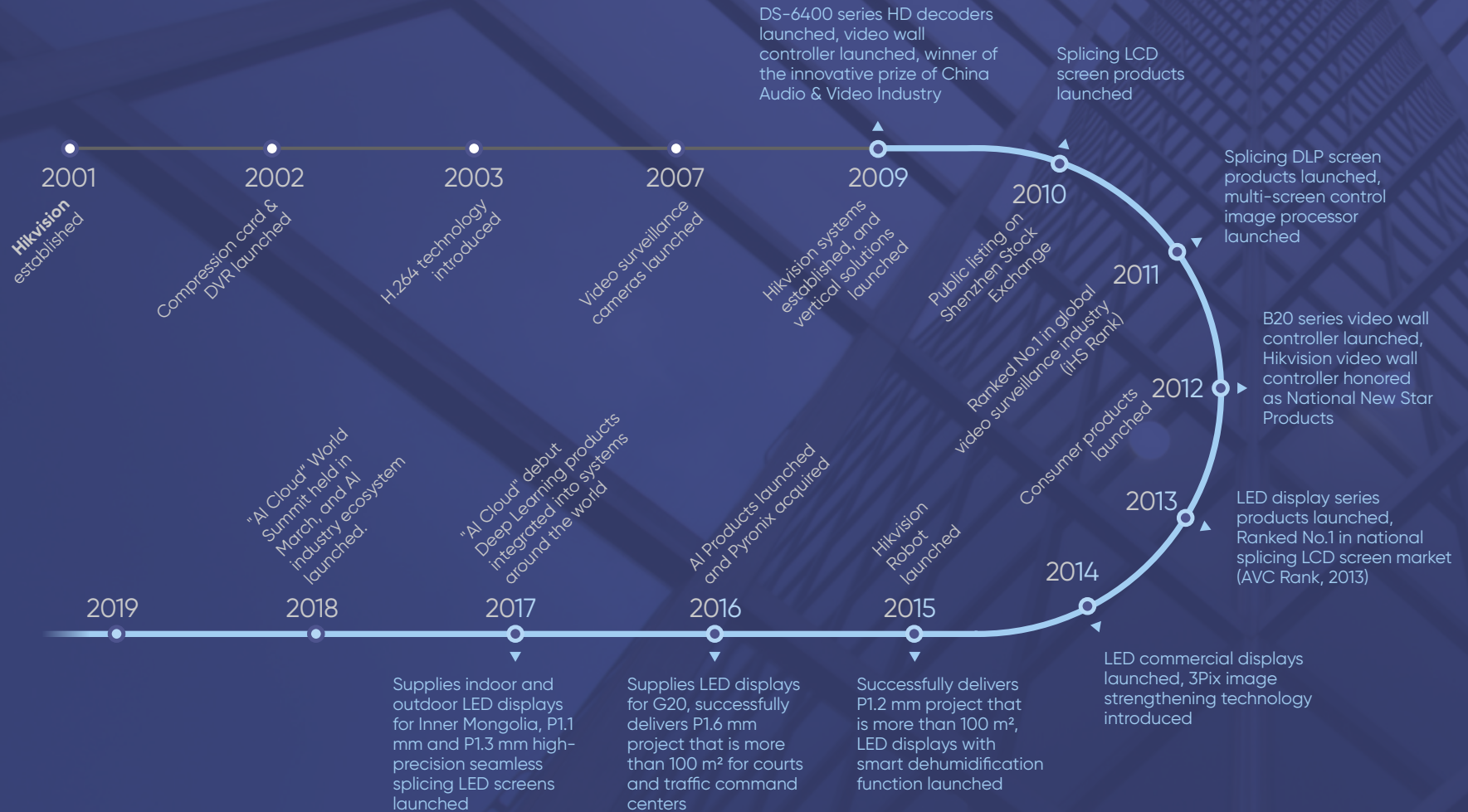
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**Success
Stories**

Industry Pioneer

From the early digital age to today's intelligence era, Hikvision has seized every opportunity to advance the industry with our innovative technologies.

▼ Milestones of the commercial display line



Remarkable Performance, Outstanding Reliability

The commercial display line is a true embodiment of industry-leading quality that Hikvision is proud of, offering an unrivalled visual experience to our customers. *Hikvision has won the Product Innovation Prize for Smart Interactive LED/LCD Displays in 2019 and the Brilliant Brand of 2018 High-Precision Seamless Splicing LEDs and been listed among Ten of the Most Brilliant Brands in the splicing LED industry in 2019.*



Manufacturing Innovation

3 Manufacturing Bases in China

- Hangzhou: **100,000** m² (1 million sq. ft.)
- Tonglu: **580,000** m² (6.2 million sq. ft.)
- Chongqing: **10,000** m² (108,000 sq. ft.)

International Factories: India, Brazil

LED's monthly production capacity ($\leq P2.5$ mm) exceeds **5,000 m²**





Advanced Devices for Production

Smart
Sorting
Robot



A Smart logistics delivery system has long been in use at our manufacturing facilities.

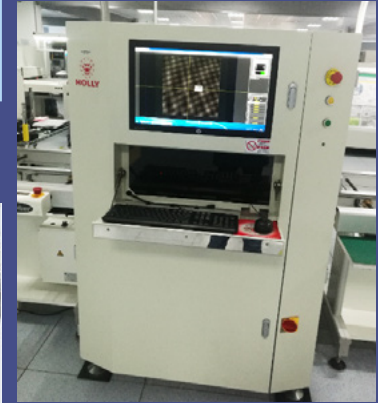
Smart
Warehouse
Robot



Smart
Carrying
Robot



We use first-class automated SMT production lines to deliver the most highly standardized quality controls for sophisticated equipment manufacturing and assembly.



▶ Quality Control

Quality Testing Center

Hikvision has always focused on product quality for the sake of our customers. With a testing laboratory of more than 13,000 m², we ensure that all products meet global standards including UL / CUL/ FCC / CE / CCC / C-tick / RoHS / WEEE / ISO, and more.



Quality Management System Certificates

1. Quality Management System Certificate
2. Environmental Management System Certificate
3. Occupational health and safety management system certificate
4. Social Accountability International Standard
5. IECQ Certificate of Conformity Hazardous Substance Process Management

Local Service Operations



2 Overseas Factories

- India
- Brazil



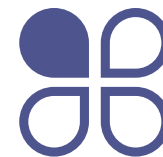
Local Call Centers in 9 regions/countries

- Africa, North America, Oceania, Russia,
- India, Korea, UK, LATAM (Spanish), Brazil (Portuguese)



Local Hikvision After-Sales Service Points in 15 Regions

USA, Canada, UK, Netherland, Russia, Turkey, Brazil, India, Korea, Indonesia, Singapore, Philippines, Malaysia, Dubai, and Hong Kong



100 Authorized Maintenance Service Partners covering 7 regions in more than 70 countries.

Asia, Africa, LATAM, Middle East, Russia, Oceania and Europe

Brilliance in the Visuals

16:9 aspect ratio for common resolution

The standard structure simplifies splicing several screens together and enables easy installation and maintenance, supporting common 1080p and 4K resolution with equal proportions.

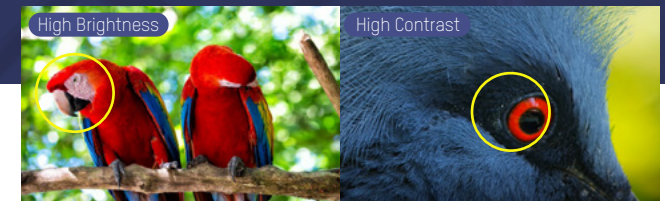


Resolution	Pixel pitch (mm)	Inch	Numbers (Cabinets)	Area
1080p	P0.9	81"	3×3	1.82 m ²
	P1.2	108"	4×4	3.24 m ²
	P1.5	136"	5×5	5.06 m ²
	P1.8	163"	6×6	7.29 m ²
	P2.5	217"	8×8	12.96 m ²
	P3.0	260"	6×12	18.66 m ²
4K	P0.9	162"	6×6	7.28 m ²
	P1.2	216"	8×8	12.96 m ²
	P1.5	272"	10×10	20.24 m ²
	P1.8	326"	12×12	29.16 m ²
	P2.5	434"	16×16	51.84 m ²
	P3.0	520"	12×24	74.64 m ²

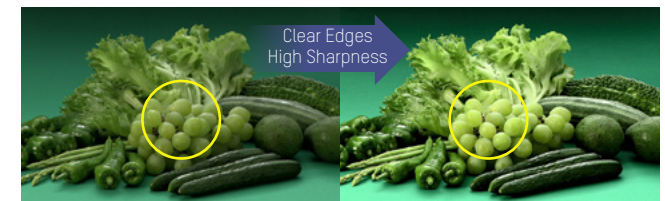
Perfect display performance

With outstanding image rendering technology, you can rest assured that Hikvision's commercial displays bring you seamless, true-to-life images and video.

Abundant Color



No Ripples



No Shadow



▶ One-click color-temperature mode switching

Hikvision LED displays support one-click switching among multiple color-temperature modes to adapt to various scene applications.

Standard color mode



Warm color mode



Cold color mode



▶ Pix master for superior image processing

Pix Master



Enhanced details, clearly identifiable

Improving image clarity without loss of details, each detail is clearly identifiable

Ordinary displays



Loss of detail, blurred image details

Intuitive System Control

Self-adapting resolution

Hikvision LEDs support automatic adjustment of any non-standard input to fit the resolution of the screen.

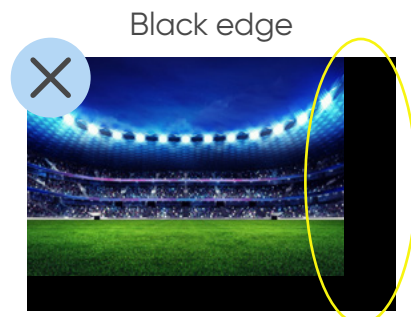


Hikvision LED displays



Display insufficiency

LED resolution < Signal resolution



Black edge

LED resolution > Signal resolution

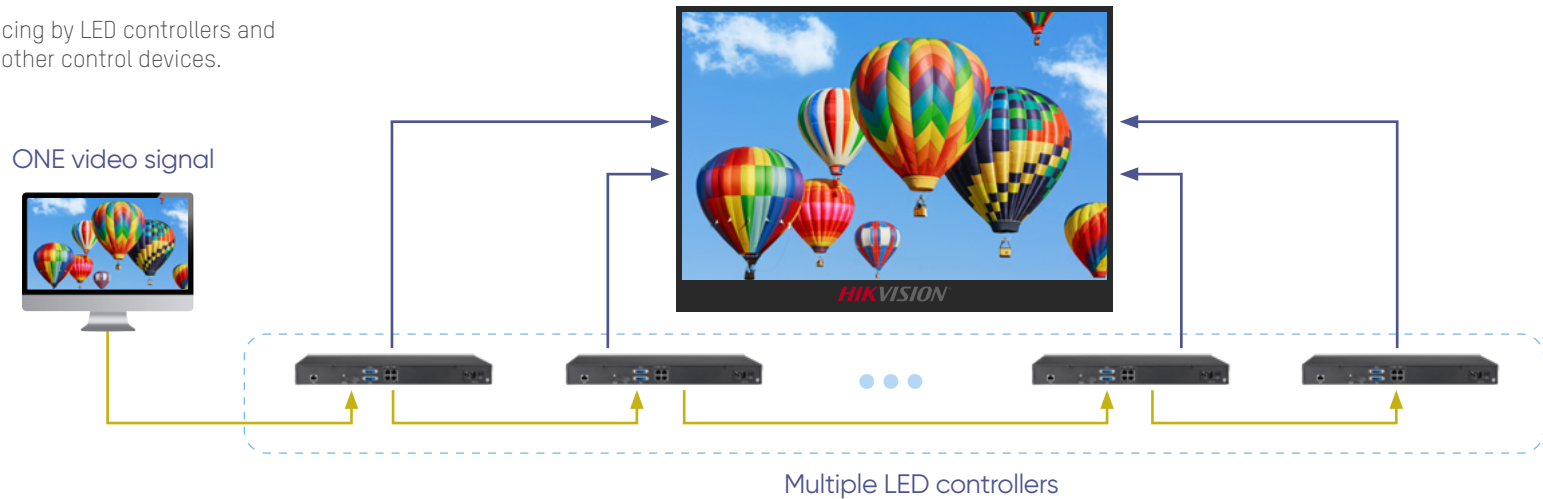
Brightness adjustment

Hikvision LEDs support convenient, remote control adjustment of brightness to match lighting environment.



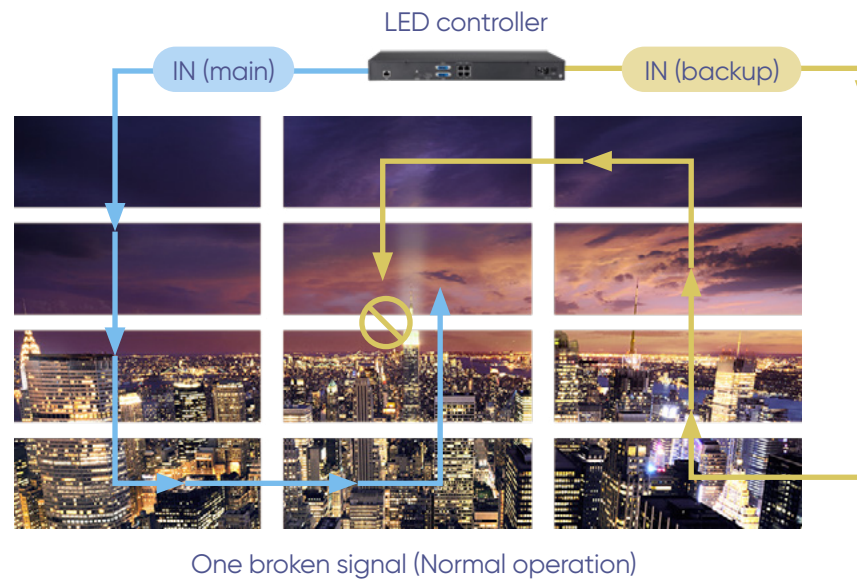
▶ Looped self-splicing

Supports simple self-splicing by LED controllers and loop connection without other control devices.



▶ Signal for dual backup

The two-way signal input design provides an LED screen backup. If one signal does not function correctly, the other one will automatically engage to ensure normal operation.



Extended Lifespan with Automatic Dehumidification

Automatic dehumidification

The automatic dehumidification function lowers the rate of broken light by 30% on average, effectively lengthening a display's lifespan.

Application environment



Moisture-proof in rainy season



Dehumidification in damp regions



Dehumidification in wet coastal areas



Effective Eye Protection by Filtering over 90% Blue Light

Blue light filtering

With over 90% of blue light converted to low-energy light, viewers enjoy effective eye protection.

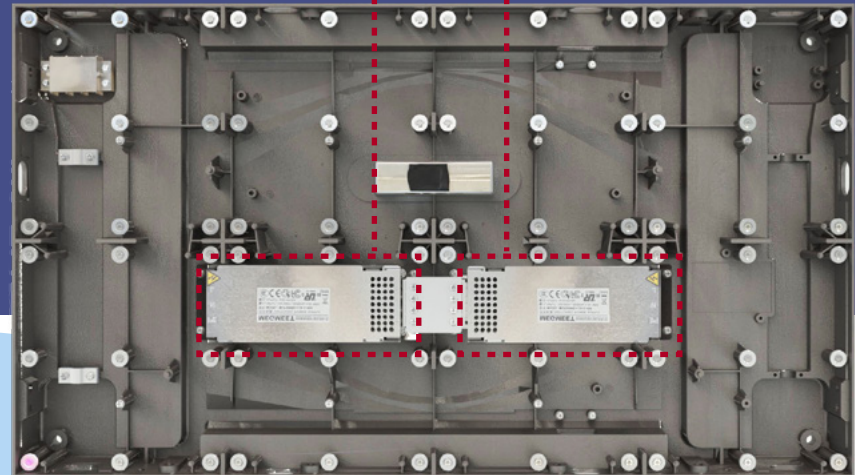


Professional TUV certification

Zertifikat		Certificate		 TÜVRheinland®	
Zertifikat Nr. / Certificate No.	Q 50423213	Blatt / Sheet	0003		
Ihr Zeichen / Client Reference	244007939	Unser Zeichen / Our Reference	01-ZJ-50190476 002	Ausstellungsdatum / Date of Issue	21.03.2019 (day/mo/yr)
Genehmigungsinhaber / License Holder			Fertigungsstätte / Manufacturing Plant		
Hangzhou Hikvision Digital Technology Co., Ltd. No. 555 Qianmo Road Binjiang District, Hangzhou 310052 P. R. China			Hangzhou Hikvision Electronics Co., Ltd No.299, Qiushi Road, Tonglu Economic Development Zone, Tonglu County, Hangzhou, Zhejiang, 310052 P. R. China		
Prüfzeichen / Test Mark			Geprüft nach / Tested acc. to	2 PFG 2383/06.16	
Zertifiziertes Produkt (Geräteidentifikation) Certified Product (Product Identification)			Lizenzentgelte - Einheit License Fee - Unit		

Dual Power Redundancy

Dual power backup design, ensuring more stable and secure work

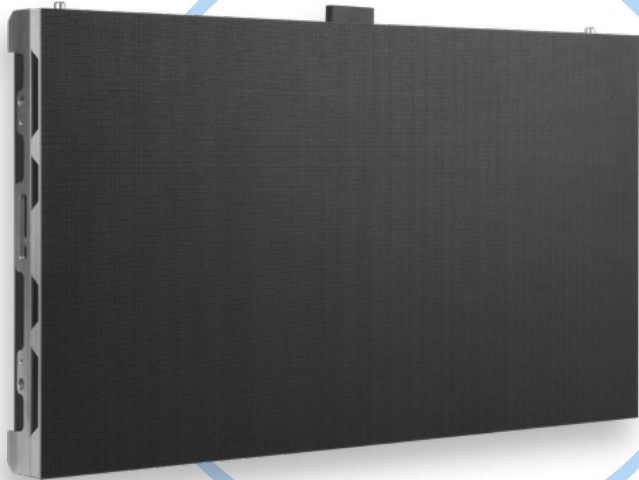


High Precision Connection Interface

The power supply and signal wires between the cabinets in a column are integrated into the internal connection interface, which greatly improves the efficiency of on-site installation and eliminates the potential safety hazards caused by the wiring.

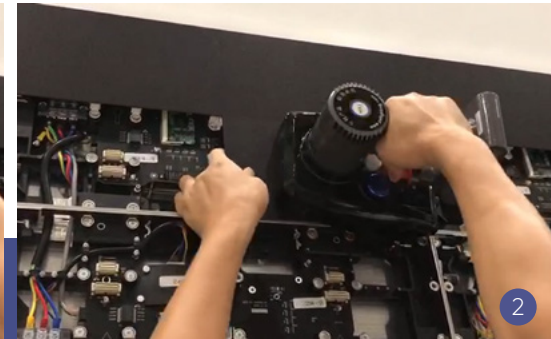


Convenient Front Maintenance



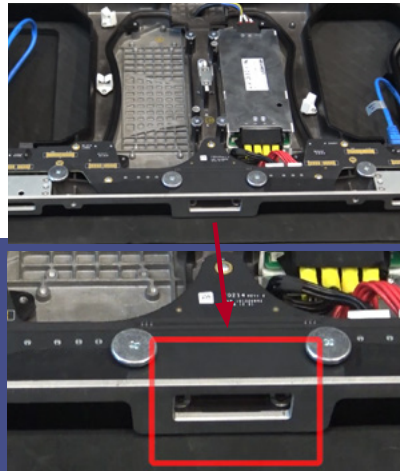
▶ Convenient automatic cabinet removal

All cabinets, power supplies and internal electronics and cables are replaceable from the front of each unit, greatly improving installation and maintenance efficiency without complicated configuration.





No cables between cabinets



High precision connection interface

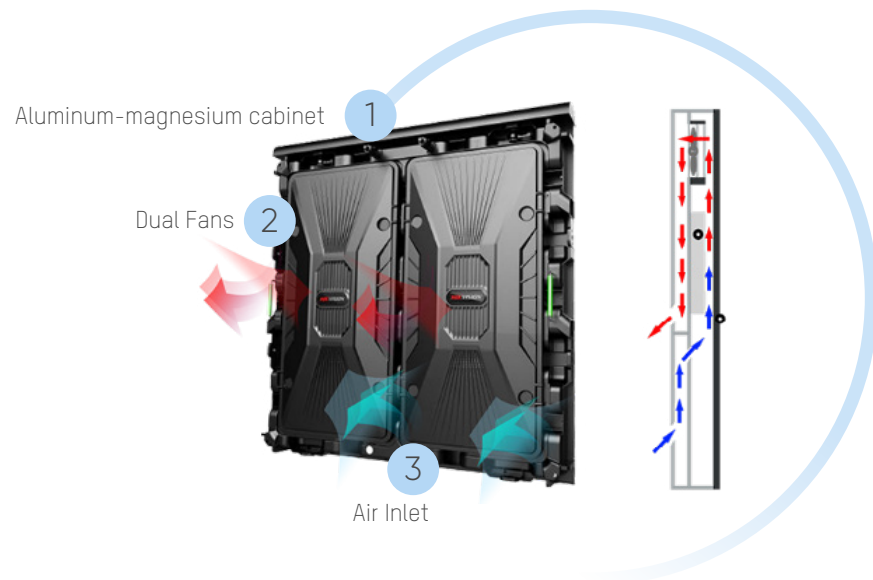


Integration of power and signal cables means no external cables



Improving the aesthetics of the installation on the site, and eliminating potential safety hazards caused by excessive wiring

Excellent Heat Dissipation



1. Aluminum-magnesium cabinet

Aluminum-magnesium cabinet improves overall heat dissipation performance.

2. Dual Fans

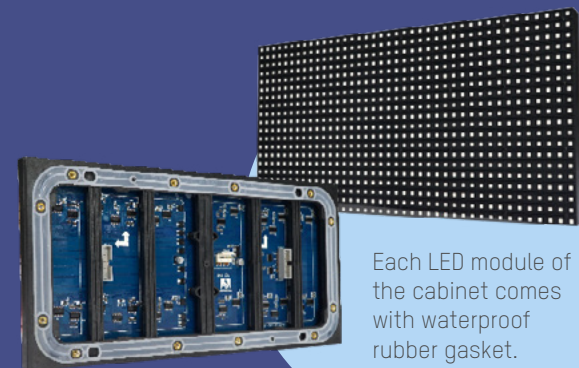
Dual fan design enhances heat dissipation and heat exchange.

3. Air Inlet

Cold air enters the cabinet from the air inlet due to the negative pressure in the cabinet.

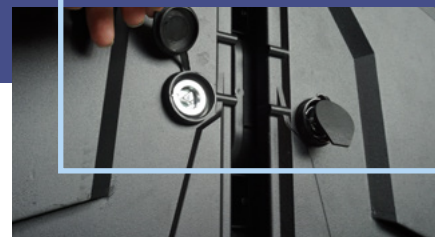
Waterproof Cabinet

The front and back sides of cabinets are both IP65 waterproof rated.



Each LED module of the cabinet comes with waterproof rubber gasket.

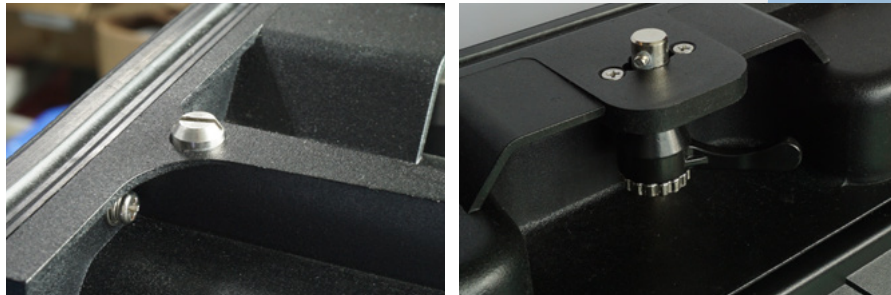
Interfaces come with waterproof covers.



Easy Installation

User-friendly structural design makes installation easier.

By replacing traditional screws with fixing pin and lock catch, installation is made faster and easier.



Top handle and side handle makes movement and installation much easier.

Perfect Scenarios

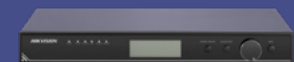


Conference Rooms

LED full-color displays



PC signal



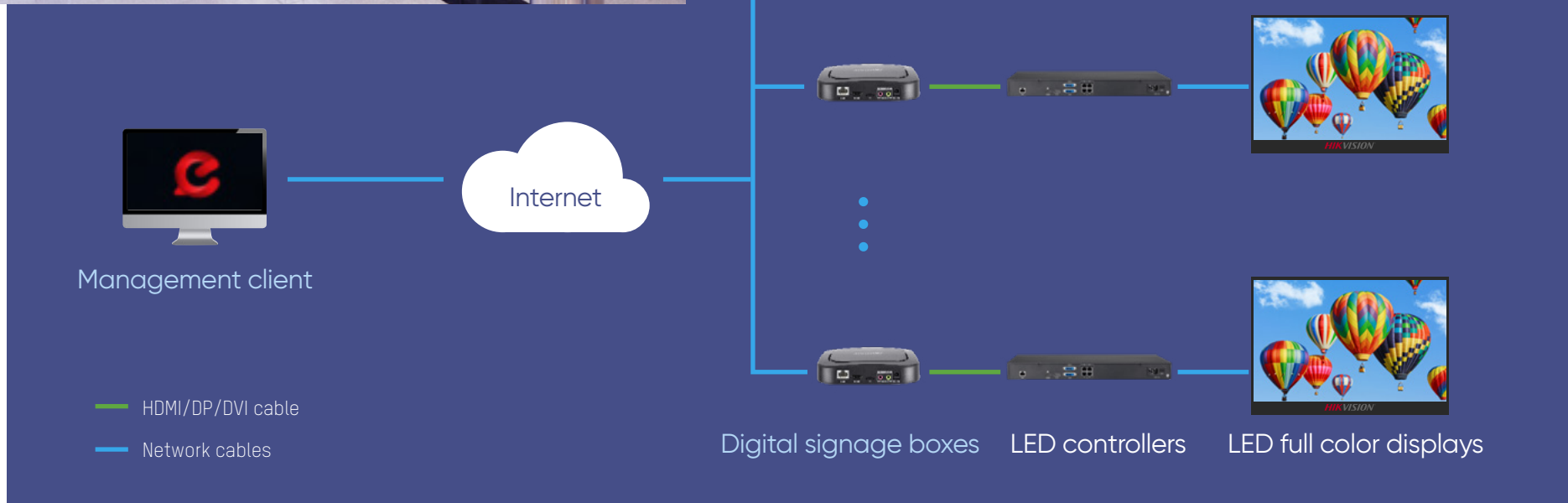
LED controller

— HDMI/DP/DVI cable

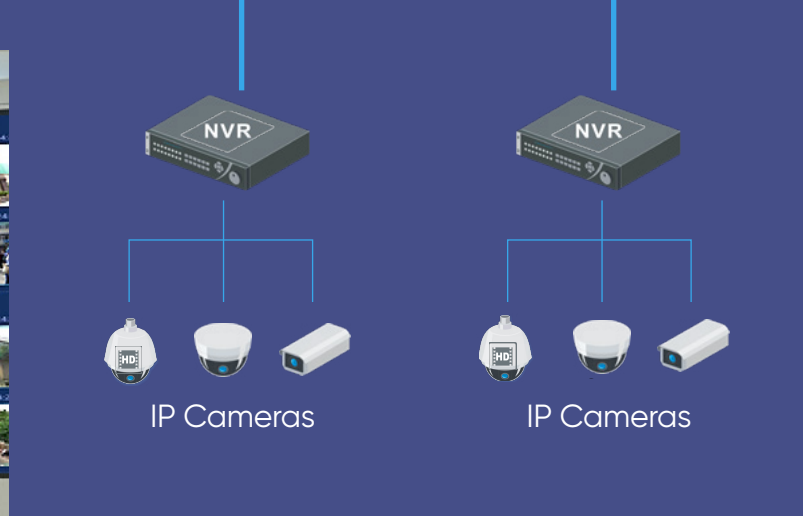
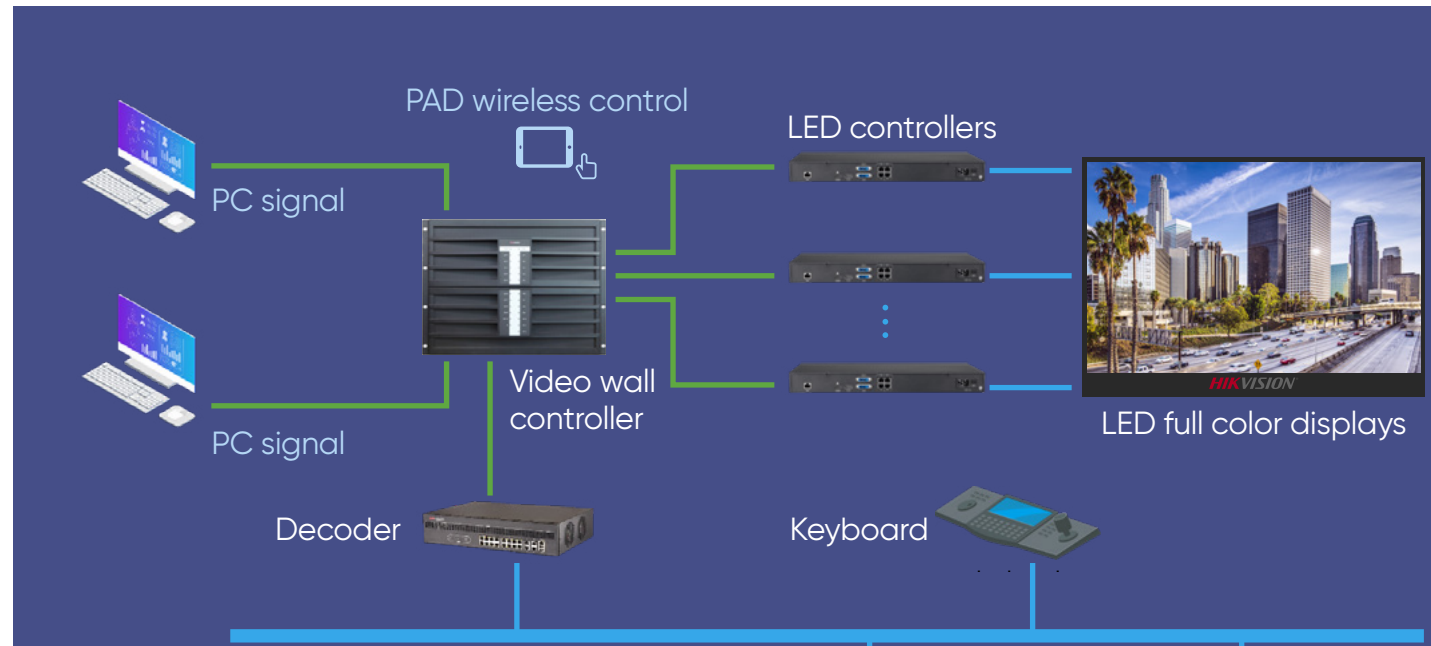
— Network cables



▶ Shopping Malls



Command Centers



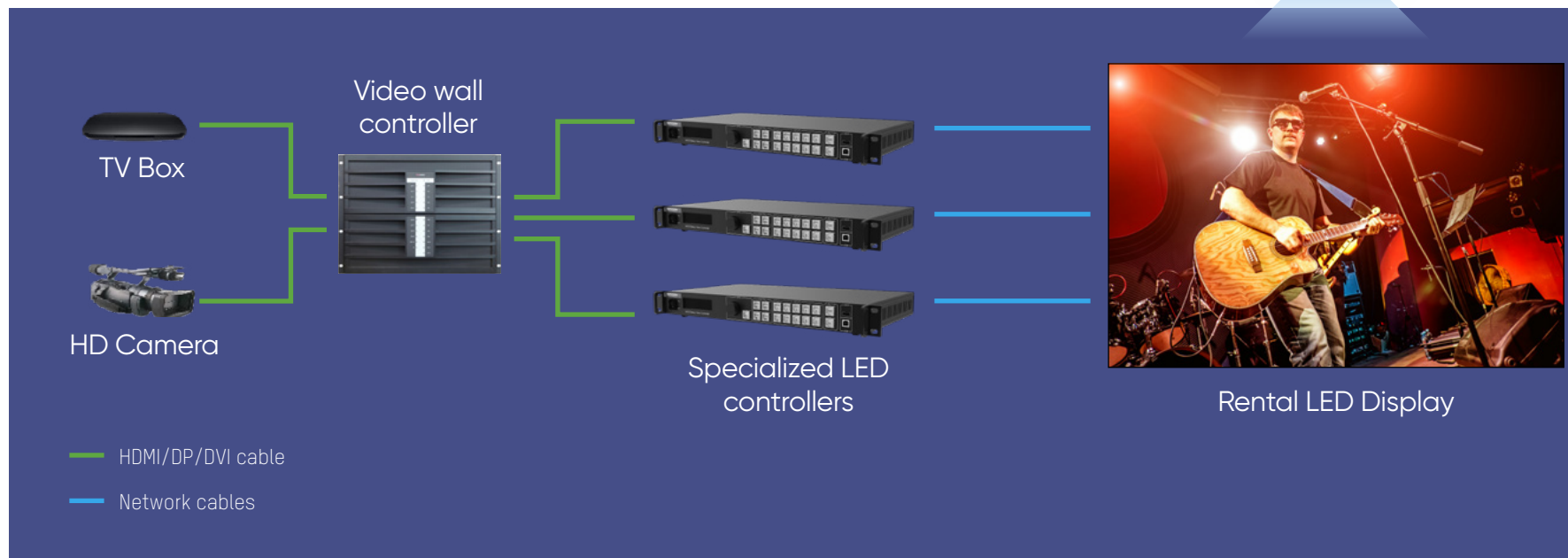
— HDMI/DP/DVI cable
— Network cables



Temporary Events

Recommended products

- Rental LED display
- Specialized LED controllers





Product Showcase

Indoor LED Display

Model		DS-D4209FI-MWF	DS-D4212FI-MWF	DS-D4215FI-MWF	DS-D4225FI-CWF
Image					
Module Composition	Pixel structure	Surface mounted quaternary LED	Surface mounted triad LED	Surface mounted quaternary LED	Surface mounted trinity LED
	Pixel pitch (mm)	0.9375 mm	1.25 mm	1.5625 mm	2.48 mm
Unit Composition	Unit Resolution (W × H)	640 × 360	480 × 270	384 × 216	240 × 136
	Unit Dimension (W × H)	600 mm × 337.5 mm × 50.9 mm	600 mm × 337.5 mm × 50.9 mm	600 mm × 337.5 mm × 50.9 mm	600 mm × 337.5 mm × 50.9 mm
	Unit module composition (W × H)	2 × 4	2 × 4	2 × 4	2 × 4
	Unit area	0.2025 m ²	0.2025 m ²	0.2025 m ²	0.2025 m ²
	Weight	5.4 kg (11.9 lb)	5.4 kg (11.9 lb)	5.4 kg (11.9 lb)	5.4 kg (11.9 lb)
	Pixel density	142222 dots/m ²	640000 dots/m ²	409600 dots/m ²	161185 dots/m ²
	Unit Ratio	16:9	16:9	16:9	16:9
	Maintenance Mode	Front maintenance	Front maintenance	Front maintenance	Front maintenance
Optical Parameters	Brightness (nits)	800	800	800	800
	Color Temperature	3000 K to 10000 K adjustable	3000 K to 10000 K adjustable	3000 K to 10000 K adjustable	3000 K to 10000 K adjustable
	Viewing Angle	Horizontal 160°, vertical 160°	Horizontal 160°, vertical 160°	Horizontal 160°, vertical 160°	Horizontal 160°, vertical 160°
	Brightness uniformity	≥97%	≥97%	≥97%	≥97%
	Color uniformity	≤ ± 0.003Cx, Cy	≤ ± 0.003Cx, Cy	≤ ± 0.003Cx, Cy	≤ ± 0.003Cx, Cy
	Max. Contrast	≥5000:1	≥5000:1	≥5000:1	≥5000:1
Electrical parameters	Peak Consumption	≤ 142 W/m ²	≤ 600 W/m ²	≤ 450 W/m ²	≤ 375 W/m ²
	Average Consumption	< 47 W/m ²	< 200 W/m ²	< 150 W/m ²	< 125 W/m ²
	Power Supply	110 to 220 VAC ± 15%	110 to 220 VAC ± 15%	110 to 220 VAC ± 15%	110 to 220 VAC ± 15%
Processing Performance	Drive Mode	Constant current driving	Constant current driving	Constant current driving	Constant current driving
	Frame Rate	60 Hz	60 Hz	60 Hz	60 Hz
	Refresh Rate	Up to 3840 Hz	Up to 3840 Hz	Up to 3840 Hz	Up to 3840 Hz
General	Service life (h)	≥100,000 h	≥100,000 h	≥100,000 h	≥100,000 h
	Temperature (°C)	-10°C to 40°C	-10°C to 40°C	-10°C to 40°C	-10°C to 40°C
	Humidity (RH)	10% to 80% RH (non-condensing)	10% to 80% RH (non-condensing)	10% to 80% RH (non-condensing)	10% to 80% RH (non-condensing)

Outdoor LED Display

Model		DS-D4240F0	DS-D4260F0	DS-D4280F0	DS-D42A0F0	
Image						
Module Composition	Pixel structure	1R1G1B	SMD2727	SMD3535	SMD3535	
	Pixel pitch (mm)	4.0(mm)	6.67(mm)	8.0(mm)	10mm	
	Module Resolution (W × H)	80(W) × 80(H)	48(W) × 48(H)	40(W) × 40(H)	32(W) × 32(H)	
	Module Dimension (W × H)	320 mm(W) × 320 mm(H)	320 mm(W) × 320 mm(H)	320 mm(W) × 320 mm(H)	320 mm(W) × 320 mm(H)	
Unit Composition	Unit module composition (W × H)	3(W) × 3(H)	3(W) × 3(H)	3(W) × 3(H)	3(W) × 3(H)	
	Unit Resolution (W × H)	240(W) × 240(H)	144(W) × 144(H)	120(W) × 120(H)	96(W) × 96(H)	
	Unit area	0.9216m ²	0.9216m ²	0.9216m ²	0.9216m ²	
	Weight	29.3 kg/m ²	29.3 kg/m ²	29.3 kg/m ²	29.3 kg/m ²	
	Pixel density	62500 dots/m ²	22500 dots/m ²	15625 dots/m ²	10000 dots/m ²	
	Unit Ratio	1:1	1:1	1:1	1:1	
	Unit Dimension (W × H)	960mm(W) × 960mm(H) × 85.5mm(D)	960mm(W) × 960mm(H) × 108mm(D)	960mm(W) × 960mm(H) × 108mm(D)	960mm(W) × 960mm(H) × 108mm(D)	
	Weatherproof level	IP65	IP65	IP65	IP65	
	Optical Parameters	Brightness (nits)	≥5500 cd/m ²	≥5500 cd/m ²	≥5500 cd/m ²	≥6500 cd/m ²
		Color Temperature	2000-9500K adjustable	2000-9500K adjustable	2000-9500K adjustable	2000-9500K adjustable
Viewing Angle		Horizontal 140°, vertical 140°	Horizontal 140°, vertical 140°	Horizontal 140°, vertical 140°	Horizontal 140°, vertical 140°	
Luminous point center distance deviation		<3%	<3%	<3%	<3%	
Brightness uniformity		≥95%	≥97%	≥97%	≥97%	
Color uniformity		≤ ± 0.003 Cx, Cy	≤ ± 0.003 Cx, Cy	≤ ± 0.003 Cx, Cy	≤ ± 0.003 Cx, Cy	
Electrical parameters	Peak Consumption	850 W/m ²	850 W/m ²	850 W/m ²	850 W/m ²	
	Average Consumption	280 W/m ²	280 W/m ²	280 W/m ²	280 W/m ²	
	Power Supply	100 to 240 VAC ± 15%	100 to 240 VAC ± 15%	100 to 240 VAC ± 15%	100 to 240 VAC ± 15%	
Processing Performance	Drive Mode	Constant Current Driving	Constant Current Driving	Constant Current Driving	Constant Current Driving	
	Frame Rate	60 Hz	60 Hz	60 Hz	60 Hz	
	Refresh Rate	≥1920Hz	≥1920Hz	≥1920Hz	≥1920Hz	
General	Service life (H)	>100,000 (H)	>100,000 (H)	>100,000 (H)	>100,000 (H)	
	Temperature (°C)	-20 to 50 °C (-4 to 122 °F)	-20 to 50 °C (-4 to 122 °F)	-20 to 50 °C (-4 to 122 °F)	-20 to 50 °C (-4 to 122 °F)	
	Humidity (RH)	10-90%(Non-condensing)	10-90%(Non-condensing)	10-90%(Non-condensing)	10-90%(Non-condensing)	

Control Device

▼ LED controller

Model		DS-D42C08-H	DS-D42C16-H	DS-D42C04-N	DS-D42C06-N
Image					 For rental LED display use
Interfaces	Signal input	1-ch DVI, 2-ch HDMI, 1-ch DP	1-ch DVI, 2-ch HDMI, 1-ch DP	1 x DVI, 1 x HDMI	1 x DVI, 2 x HDMI, 2 x 3G-SDI, 1 x DVI+DVI LOOP, 1 x USB
	Signal output	8-ch RJ45 ports output, 1-ch DVI output	16-ch RJ45 ports output, 1-ch DVI output	4 x RJ45 ports output	4 x RJ45, 1 x DVI
	Signal control	Network	Network	Network	Network
Processing Performance	Max. resolution	4096 x 2160 @ 30 Hz or 3840 x 1080 @ 60 Hz	4096 x 2160 @ 60 Hz or 3840 x 2160 @ 60 Hz	2048 x 1152 @ 60 Hz or 1920 x 1200 @ 60 Hz	2560 x 1440 @ 60 Hz
	Frame frequency	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
	Refresh rate	3840 Hz	3840 Hz	3840 Hz	3840 Hz
	Processing depth	8 bits	8 bits	8 bits	8 bits
	Grey level	16 bits	16 bits	16 bits	16 bits
	Color	281 trillion	281 trillion	281 trillion	281 trillion
	Brightness control	1 to 10 levels adjustable (gradual white balance)	1 to 10 levels adjustable (gradual white balance)	Automatic/manual	Automatic/manual
General	Dimensions	442 x 249.5 x 57 mm (17.40 x 9.82 x 2.24 inch)	442 x 249.5 x 57 mm (17.40 x 9.82 x 2.24 inch)	428 mm x 250 mm x 44.4 mm (16.85" x 9.84" x 1.75")	483.6 mm x 250.1 mm x 45 mm (19.04" x 9.85" x 1.77")
	Power supply	100 to 240 VAC	100 to 240 VAC	100 to 240V AC	100 to 240V AC
	Average power dissipation	≤40 W	≤40 W	≤20 W	≤65 W
	Working temperature	0 to 40 °C (32 to 104 °F)	0 to 40 °C (32 to 104 °F)	-10 to 45 °C (14 to 113 °F)	-10 to 45 °C (14 to 113 °F)
	Storage temperature	-10 to 60 °C (-4 to 140 °F)	-10 to 60 °C (-4 to 140 °F)	-20 to 60 °C (-4 to 140 °F)	-20 to 60 °C (-4 to 140 °F)
	Working humidity	10 to 80%	10 to 80%	10 to 90%	10 to 90%
	Storage humidity	10 to 80%	10 to 80%	10 to 90%	10 to 90%

Success Stories

Traffic Command Center

- P1.2 mm 200 m²
- Curved screen
- Real-time display of traffic monitoring in the city

见远行更远
See Far, Go Further



Court Center

- P1.6 mm 120 m²
- U-shaped screen
- Broadcasting guide information, welcoming visitors



Expo Command Center

- P1.2 mm 150 m²
- Supporting security, monitoring, command, scheduling, and more.



Traffic Information Center

- P1.2 mm 33 m²
- Supporting collection and analysis of traffic information data



Great Hall

- P1.2 mm 102 m²
- Holding lectures, concerts, seminars, events



Building Conference Center

- P1.9 mm 35 m²
- seminars, events



Police Command Center

- P1.5 mm 34 m²
- Supporting security, monitoring, command, scheduling, etc.



Scenic Spot Dispatch

- P1.6 mm 23 m²
- Supporting statistical analysis and management of tourist data



Community Management Center

- P1.8 mm 75 m²
- Supporting the construction and management of an intelligent community



Factory Security Center

- P1.2 mm 25 m²
- Curved screen
- Supporting security, dispatch, scheduling, and more.



Enterprise Conference Center

- P2.5 mm 30 m²
- Displaying conference contents, information broadcasting



Football Stadium

- P10 mm 281 m²
- Live sports events, sports publicity



Celebration Event

- P16 mm 850 m²
- Live celebration broadcast



The School Square

- P6 mm 108 m²
- Curved screen
- Playing school publicity videos



International Cultural Activities

- P4 mm 322 m²
- Broadcasting promotional videos, guidance information, advertisements, welcome banners



Botanic Garden

- P8 mm 150 m²
- Publicity, daily travel information



LED Displays

UK & Ireland 2021

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