

HIKVISION®

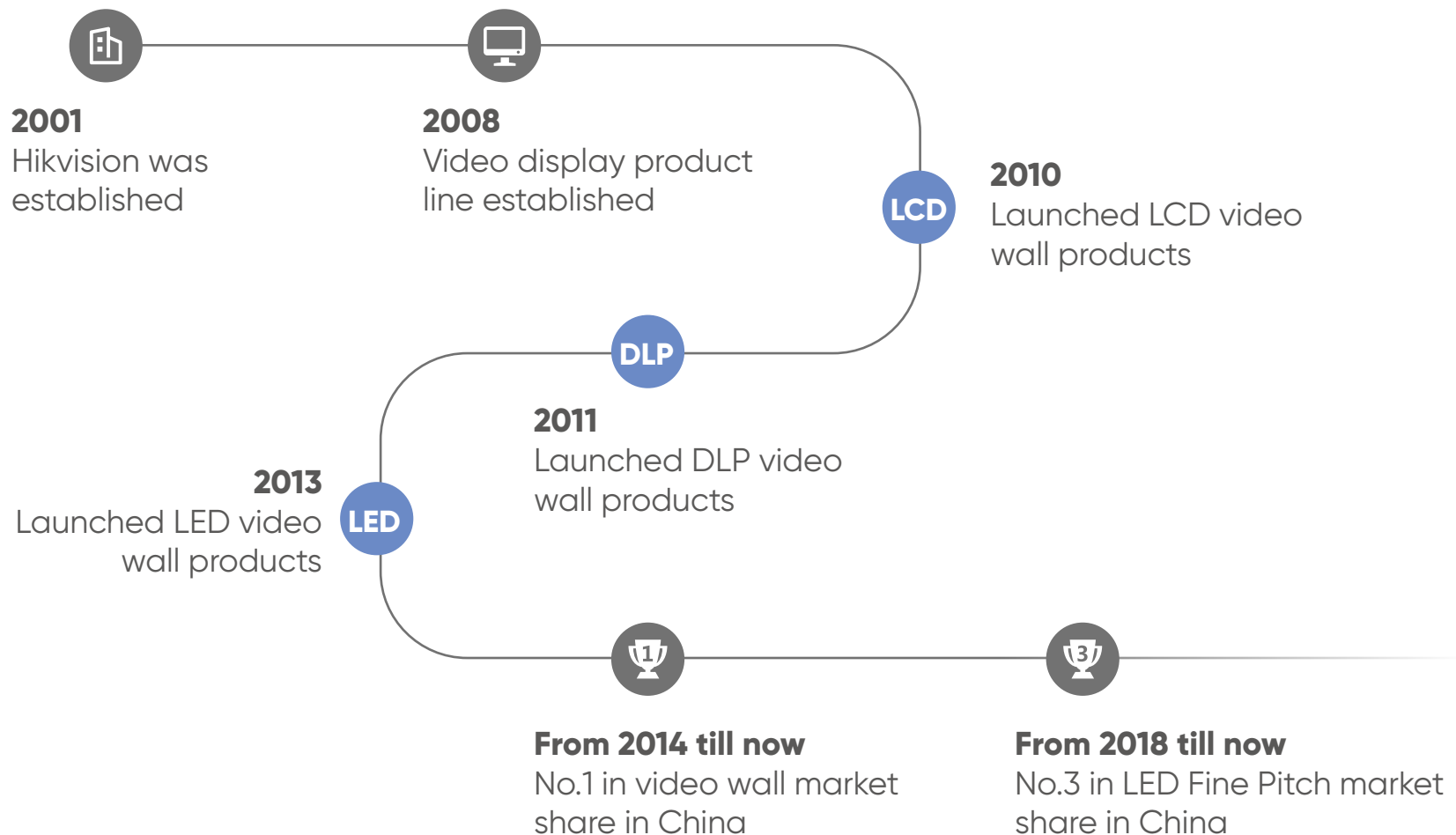
Hikvision Commercial Displays

Product Quick Guide

2023 Spring Version



Hikvision Display Product Development Milestones



Hikvision At a Glance

Compound growth rate
from 2020 to 2021

32.76%



Total revenue
in 2021

\$12.62B



International subsidiaries
and branch offices

66

100,000+

Partners
globally

Countries and regions
using our products

150+

2001

Year
founded



20+

Years steady
growth



52,000+

Employees
worldwide



25,000+

R&D
engineers



Over 10.13%

Annual revenue
invested in R&D



Hikvision Interactive Flat Panels

Advanced Industrial Design



Optical Bonding Screen

For touchscreen accuracy



Through Arc Pen Slot

Convenient pen holder attached

Matte Powder Coating

Matches the color of the whole device



Elegant Design

150 mesh ultra-fine sandblasting
(comparable to a laptop's texture)



Wide Colour Spectrum

≥ 90% color gamut for outstanding
display effect

Newly Designed Pen

TPU nib material for fluent writing
and better grip

Pick-up Detection

Show prompts when the pen is
picked up



Bracket Upgrade

Beautiful and elegant, easy to install,
and cost-effective



Key Functions

► Built-in Whiteboard

- Max. 45-point IR touch supports multiple pens writing simultaneously
- Supports screenshots to save details
- Mohs level 7 hardness glass, scratch and fingerprint resistant



◀ Flexible Annotation

- Users can readily annotate on any interface with a single click
- Annotation supports colour and thickness adjustments as well as stroke optimization
- 1 mm writing accuracy

► Wireless Projection

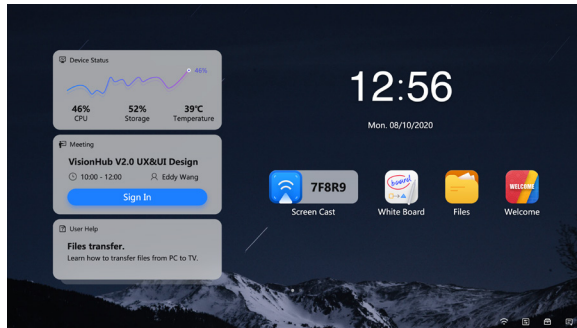
- Projection via Wi-Fi: The Interactive Flat Panel can be set up as an AP hotspot, or all devices can connect to the same Wi-Fi
- Supports simultaneous split screen projection on up to 4 devices
- Supports both projection and reverse-projection (controlling devices such as laptops, PCs and smartphones from the Interactive Flat Panel)
- Supports Text and Shape Recognition



◀ Remote Video Conference

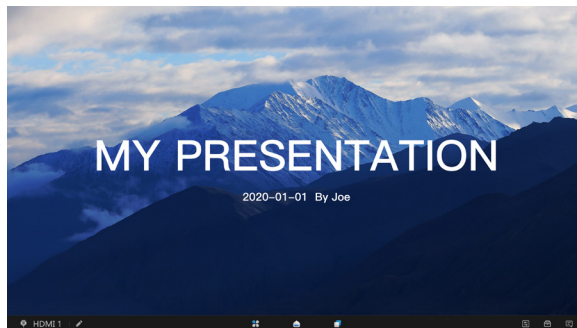
- Hold remote video conferences with another Interactive Flat Panel, or PC/mobile phones
- Abundant accessories available: USB camera (1080p or 4K), omnidirectional microphone, and OPS for Windows Operating System
- Support Video Conference Software – Teams, Webex and Zoom

UI 2.0



▲ Efficient Content Display

- Show widgets on negative screen
- Multi-screen sliding to show more apps



▲ Simple Console Bar

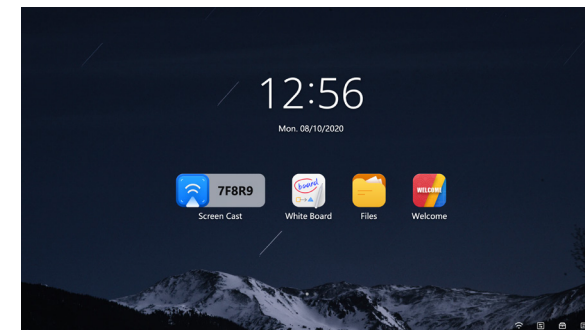
- Auto-adjust the content of the console bar according to different applications



▼ Easy 2-Step Projection

Step 1: Download Hikshare software/app for RB/A and RB/B models, or download Wondercast software/app for RB/C and RB/D models

Step 2: Input projection code for wireless projection



▼ Pen Pick-up Detection

- The whiteboard/annotation function icon automatically pops up when pen is picked up for RB/A and RB/B models
- Long press anywhere on the whiteboard interface for a quick operation panel to pop up for RB/C and RB/D models



Interactive Flat Panels






Advance Collaboration to a New Level

All Hikvision Interactive Flat Panels feature:




- Backlight DLED technology with Pixel Pitch of 0.124(H) x 0.372(V) millimeters
- Vivid 4K Resolution (3840 x 2160) at 60Hz
- Brightness of 350 nits, making it effective for most viewing scenarios
- Viewing Angle of 178°(H)/178°(V), providing wide-angle viewing from various angles
- 10 bit Colour Depth delivers rich and accurate colour
- Contrast Ratio is 1,200:1, ensuring that the image will be clear and vibrant
- Response Time of 6 ms, which is quick enough for most applications
- Colour Gamut is 90% NTSC (CIE1931) (Typ.), providing a good balance between colour accuracy and saturation
- B and D versions come with a built-in microphone and camera module
- C and D versions have an additional Type-C interface

Interactive Flat Panels




DS-D5BXXRB/X

Model		DS-D5B65RB/A	DS-D5B75RB/A	DS-D5B86RB/A
Image				
Interface	Input Interface	HDMI IN × 2, MAX 4 K @ 60 Hz, LINE IN × 1	HDMI IN × 2, MAX 4 K @ 60 Hz, LINE IN × 1	HDMI IN × 2, MAX 4 K @ 60 Hz, LINE IN × 1
	Output Interface	HDMI OUT × 1, MAX 4K @ 60 Hz, LINE OUT × 1	HDMI OUT × 1, MAX 4K @ 60 Hz, LINE OUT × 1	HDMI OUT × 1, MAX 4K @ 60 Hz, LINE OUT × 1
	Control Interface	RS-232 × 1	RS-232 × 1	RS-232 × 1
Power	Power Consumption	< 250 W (full load)	< 300 W (full load)	< 420 W (full load)
	Power Requirement	0.5 W	0.5 W	0.5 W
Working Environment	Operating Temperature	0 °C-40 °C	0 °C-40 °C	0 °C-40 °C
	Operating Humidity	10%-90% RH	10%-90% RH	10%-90% RH
General	Dimension (W×H×D)	1507 × 905 × 86 mm	1718 × 1021 × 87.5 mm	1963 × 1159 × 87.5 mm
Built-in System	Operation System	Android 8.0		
	Storage	3GB RAM + 32GB ROM		
	CPU	4 Cores A73×2 + A53×2, 1.5 GHz		
Touch	Touch Point	20 points		
Interface	Data Transmission Interface	USB 3.0 × 2 + USB 2.0 × 2 + TOUCH-USB × 1		
Projection	Wj-Fi Projection	HikShare: for Windows/Mac/Android/iOS 1,080P@30Hz; No sound when the signal source is Android device; Max. 4 projection signal sources projecting simultaneously;		
	AirPlay Projection	1,080P@30Hz		
	Cable Projection	HDMI 4K@60Hz		
	Grouped Display	Support		
	Reverse Projection	Support		
	Expansion Mode	Support		




Interactive Flat Panels

Model		DS-D5B65RB/B	DS-D5B75RB/B	DS-D5B86RB/B
Image				
Interface	Input Interface	HDMI IN × 2, MAX 4 K @ 60 Hz, LINE IN × 1	HDMI IN × 2, MAX 4 K @ 60 Hz, LINE IN × 1	HDMI IN × 2, MAX 4 K @ 60 Hz, LINE IN × 1
	Output Interface	HDMI OUT × 1, MAX 4K @ 60 Hz, LINE OUT × 1	HDMI OUT × 1, MAX 4K @ 60 Hz, LINE OUT × 1	HDMI OUT × 1, MAX 4K @ 60 Hz, LINE OUT × 1
	Control Interface	RS-232 × 1	RS-232 × 1	RS-232 × 1
Power	Power Consumption	< 250 W (full load)	< 300 W (full load)	< 420 W (full load)
	Power Requirement	0.5 W	0.5 W	0.5 W
Working Environment	Operating Temperature	0 °C~40 °C	0 °C~40 °C	0 °C~40 °C
	Operating Humidity	10%-90% RH	10%-90% RH	10%-90% RH
General	Dimension (W×H×D)	1507 × 930 × 86 mm	1718 × 1021 × 87.5 mm	1963 × 1159 × 87.5 mm
Built-in System	Operation System	Android 8.0		
	Storage	3GB RAM + 32GB ROM		
	CPU	4 Cores A73×2 + A53×2, 1.5 GHz		
Touch	Touch Point	20 points		
Interface	Data Transmission Interface	USB 3.0 × 2 + USB 2.0 × 2 + TOUCH-USB × 1		
Projection	Wi-Fi Projection	HikShare: for Windows/Mac/Android/iOS 1,080P@30Hz; No sound when the signal source is Android device; Max. 4 projection signal sources projecting simultaneously;		
	AirPlay Projection	1,080P@30Hz		
	Cable Projection	HDMI 4K@60Hz		
	Grouped Display	Support		
	Reverse Projection	Support		
	Expansion Mode	Support		


Interactive Flat Panels



Model		DS-DSB75RB/C	DS-DSB86RB/C	DS-DSB65RB/C
Image				
Interface	Input Interface	HDMI IN × 2, MAX 4K @30 Hz, LINE IN × 1	HDMI IN × 2, MAX 4K @30 Hz, LINE IN × 1	HDMI IN × 2, MAX 4K @30 Hz, LINE IN × 1
	Output Interface	HDMI OUT (HDMI 2.0) × 1, MAX 4K @60 Hz, LINE OUT × 1	HDMI OUT (HDMI 2.0) × 1, MAX 4K @60 Hz, LINE OUT × 1	HDMI OUT (HDMI 2.0) × 1, MAX 4K @60 Hz, LINE OUT × 1
	Control Interface	RS-232 × 1	RS-232 × 1	RS-232 × 1
Power	Power Consumption	≤ 370 W (full load)	≤ 490 W (full load)	≤ 320 W (full load)
	Power Requirement	0.5 W	0.5 W	0.5 W
Working Environment	Operating Temperature	0 °C-40 °C	0 °C-40 °C	0 °C-40 °C
	Operating Humidity	10% to 90% RH	10% to 90% RH	10% to 90% RH
General	Dimension (W×H×D)	1718 × 1046 × 87.5 mm	1963 × 1159 × 87.5 mm	1507 × 930 × 86 mm
Built-in System	Operation System	Android 11.0		
	Storage	4GB RAM + 64GB ROM		
	CPU	6 Cores: A72*2 + A53*4, 1.8 GHz		
Touch Point	Touch Point	45 points		
Interface	Data Transmission Interface	USB 3.0 × 2 on the front panel USB 3.0 × 2 on the rear panel Full-function Type-C × 1 on the front panel: 65W charging power, projection, data transmission Touch-USB × 1 on the rear panel		
Projection	Wi-Fi Projection	WonderCast: for Windows/Mac/Android/iOS 4K@30Hz; No sound when the signal source is Android device; Max. 4 projection signal sources projecting simultaneously;		
	AirPlay Projection	1,080P@30Hz		
	Cable Projection	HDMI and Type-C 4K@60Hz		
	Grouped Display	No		
	Reverse Projection	Support		
	Expansion Mode	Support		

Interactive Flat Panels

Model		DS-D5B65RB/D	DS-D5B75RB/D	DS-D5B86RB/D
Image				
Interface	Input Interface	HDMI IN × 2, MAX 4 K @ 60 Hz, LINE IN × 1	HDMI IN × 2, MAX 4K @30 Hz, LINE IN × 1	HDMI IN × 2, MAX 4K @30 Hz, LINE IN × 1
	Output Interface	HDMI OUT (HDMI 2.0) × 1, MAX 4K @60 Hz, LINE OUT × 1	HDMI OUT (HDMI 2.0) × 1, MAX 4K @60 Hz, LINE OUT × 1	HDMI OUT (HDMI 2.0) × 1, MAX 4K @60 Hz, LINE OUT × 1
	Control Interface	RS-232 × 1	RS-232 × 1	RS-232 × 1
Power	Power Consumption	≤ 320 W (full load)	≤ 370 W (full load)	≤ 490 W (full load)
	Power Requirement	0.5 W	0.5 W	0.5 W
Working Environment	Operating Temperature	0 °C~40 °C	0 °C~40 °C	0 °C~40 °C
	Operating Humidity	10% to 90% RH	10% to 90% RH	10% to 90% RH
General	Dimension (W×H×D)	1507 × 930 × 86 mm	1718 × 1046 × 87.5 mm	1963 × 1159 × 87.5 mm
Built-in System	Operation System	Android 11.0		
	Storage	4GB RAM + 64GB ROM		
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Touch Point	Touch Point	45 points		
Interface	Data Transmission Interface	USB 3.0 × 2 on the front panel USB 3.0 × 2 one the rear panel Full-function Type-C × 1 on the front panel: 65W charging power, projection, data transmission Touch-USB × 1 on the rear panel		
Projection	Wi-Fi Projection	WonderCast: for Windows/Mac/Android/iOS 4K@30Hz; No sound when the signal source is Android device; Max. 4 projection signal sources projecting simultaneously;		
	AirPlay Projection	1,080P@30Hz		
	Cable Projection	HDMI and Type-C 4K@60Hz		
	Grouped Display	No		
	Reverse Projection	Support		
	Expansion Mode	Support		

OPS & Bracket

Model		DS-D5AC9C5-8S2	DS-D5AC11T5-8S2
Image			
Processor		Intel® Core i5 9300H	Intel® 11th Gen Core i5 11320H
CPU Clock Speed		2.4GHz	
Platform Architecture		Intel® Coffee Lake	3.2GHz
PCH		Intel® HM370	Intel® Tiger Lake
Graphics		Intel H110 Express	Intel® Iris® Xe Graphics
Memory		8GB	8GB
Storage		256G	256G
NIC		Integrated 10/100/1000M Adaption	Integrated 10/100/1000M Adaption
Cooling System		Single Brass & Single Fan	Single Brass & Single Fan
Interface	Network Interface	RJ45×1	RJ45×1
	Data Transmission Interface	Bluetooth 5.0	Bluetooth 4.2
	Antenna	2	2
	Video Output	HDMI×1, DP×1	HDMI×1, DP×1
Power	Input Voltage	12V - 19V DC	12V - 19V DC
	Max. Consumption	60W	95W
	Standby Consumption	0.5W	0.5W
Working Environment	Storage Temperature	-20°C - 60°C	-20°C - 60°C
	Storage Humidity	10%- 90%	10% - 90%
	Working Temperature	-0°C - 40°C	-0°C - 40°C
	Working Humidity	-10°C - 90°C	-10°C - 90°C
General	Operation System	Built-in Windows 10	Built-in Windows 10
	Product Dimensions	W180×H195×D30mm	W180×H195×D30mm
	Net Weight	About 1.24kg	About 1.24kg

Model		DS-D5ABKY2-S	DS-D5ABKY2-B
Image			
Default Parameters	Color	Silver gray	
	Material	SPCC high quality steel plate	
	Surface Treatment	Sheet metal spraying	
General	Net Weight	20 kg	27.3 kg
	Gross Weight	22.5 kg	31 kg
	Available Size	55"/65"/75"	86"
Bracket	Capacity	85 kg	135 kg
	Shelf Size	1,160 × 688 × 1,560 mm	1,610 × 749 × 1,710 mm
	Package Size	1,520 × 760 × 140 mm	1,720 × 820 × 160 mm

Digital Signage

Smart Advertising, Intelligent Promotion

- 4K Display
- External signal inputs
- Flexible and efficient advisement display and management
- Ready-to-go design templates
- Cross-network management
- Environmentally-friendly "green" advertising
- Multiple applications to suit various business scenarios



Hikvision Digital Signage Solution



Design content

Content designing



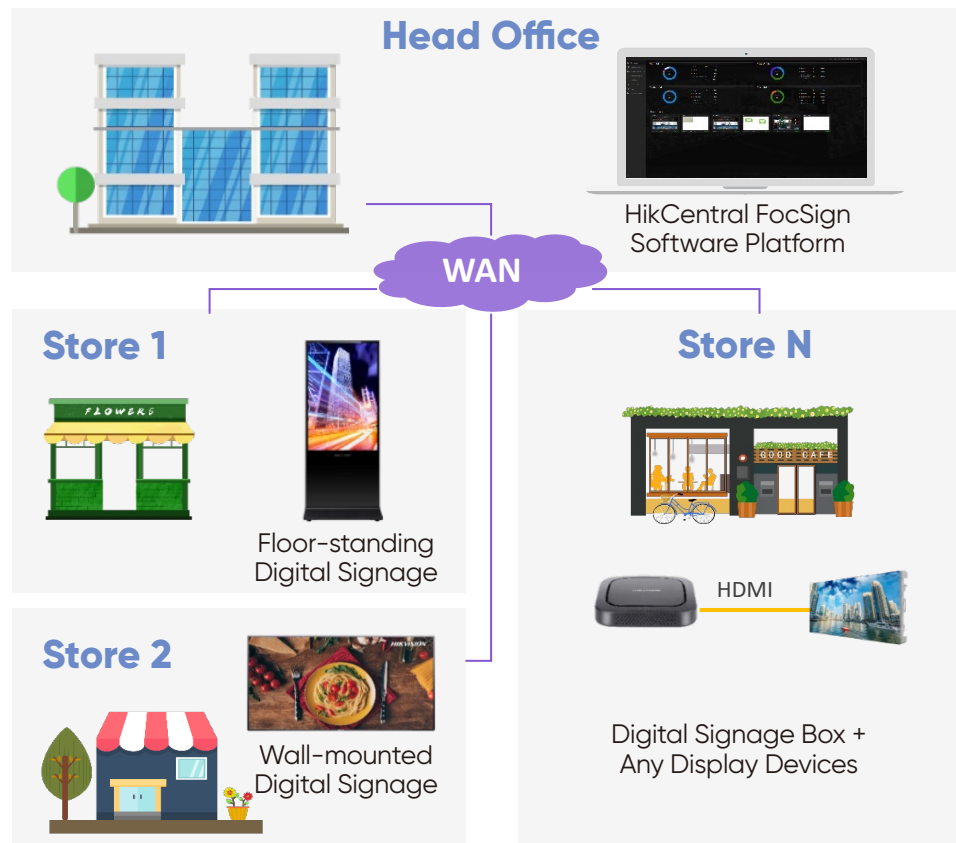
Marketing Manager

Manage content release schedule



System Operator

Central device management



Rich Product Forms

3 types of device forms to suit different application scenarios.



Attractive Content

Rich material, flexible arrangement, and creative design modes to attract customers and capture attention.








Fast Content Design

Built-in templates for various verticals to help users design content quickly.



Flexible Release Schedule

Flexibility to program the content release schedule for precise marketing.

Model		DS-D60C-B	DS-D6043UN-B	DS-D6055UN-B	DS-D6043UL-B/S	DS-D6055UL-B/S
Image						
Display	Screen Size	-	43 inch	55 inch	43 inch	55 inch
	Screen Active Zone	-	941.184 (H) mm × 529.416 (V) mm	1209.6 (H) mm × 680.4 (V) mm	1209.6(H) × 680.4(V) mm	941.184(H)mm x 529.416(V)mm
	Backlight	-	D-LED	D-LED	D-LED	DLED
	Pixel Pitch	-	0.2451 (H) mm × 0.2451 (W) mm	0.315 (H) mm × 0.315 (V) mm	0.315(H) x 0.315(V)mm	0.2451(H) mm x 0.2451(V)mm
	Resolution	1920 x 1080p @ 30 Hz, 1920 x 1080p @ 50 Hz, 1920 x 1080p @ 60 Hz, 1280 x 720p @ 30 Hz, 1280 x 720p @ 50 Hz, 1280 x 720p @ 60 Hz, 3840 x 2160p @ 30 Hz, 3840 x 2160p @ 50 Hz, 3840 x 2160p @ 60 Hz [YCbCr420], 3840 x 2160p @ 50 Hz [YCbCr420]	3840 × 2160	3840 × 2160	3840 × 2160	3840 × 2160
	Brightness	-	500 cd/m²	500 cd/m²	500 cd/m²	500 cd/m²
	Visual Angle	-	Horizontal: 178°, Vertical: 178°	Horizontal: 178°, Vertical: 178°	Horizontal: 178°, Vertical: 178°	Horizontal: 178°, Vertical: 178°
	Colour Depth	-	10 bit (8bit+FRC)	10 bit, 1.07B	8bit+FRC	1.07G(8 Bits+FRC)
	Contrast	-	1200:1	4000:01:00	5700:1	5000:1
	Response Time	-	8 ms	8 ms	6.5 ms	6.5 ms
	Refresh Rate	-	60 Hz	60 Hz	60 Hz	60 Hz
	Colour Gamut	-	72% NTSC	72% NTSC	72% NTSC	72% NTSC
Built-in System	CPU	4-core Cortex-A17	Cortex-A17, 4-core, 1.6 GHz	Cortex-A17, 4-core, 1.6 GHz	Cortex-A17, 4-core, 1.6 GHz	Cortex-A17, 4-core, main frequency 1.6 GHz
	Memory	2 GB	2 GB	2 GB	2 GB	2 GB
	Built-in Storage	8 GB EMMC, 32 GB Micro SD Card	16 GB EMMC	16 GB EMMC, TF 32 GB	16 GB EMMC	16 GB
Interface	Video & Audio Output	1 x AUDIO 1 x HDMI	LINE OUT × 1	AUDIO OUT × 1, 5W Speaker × 2	AUDIO OUT × 1, 5W Speaker × 2	AUDIO OUT × 1
	Network Interface	1 × LAN	1 × LAN, Wi-Fi	1 × LAN, Wi-Fi	1 × LAN, Wi-Fi	AUDIO IN × 1, HDMI IN × 2, VGA IN × 1
	Data Transmission Interface	2 x USB 2.0 interface	USB2.0 × 2, BT × 1	USB 2.0 × 2, Micro SD Card × 1, BT 4.0 × 1	2 x USB, 1 x Micro SD Card, BT 4.2	USB 2.0 × 2, BT 4.2 × 1, Micro SD Card x1
	Power	12 VAC, 2 A	100 to 240 VAC, 50 or 60 Hz	100 to 240 VAC, 50 or 60 Hz	100 to 240VAC, 50/60 Hz	100 to 240 VAC, 50/60 Hz
General	Power Consumption	≤ 20 W	≤ 110 W	≤ 200 W	≤ 150 W	≤ 150W
	Standby Consumption	≤ 1 W	≤ 0.5 W	≤ 0.5 W	<0.5W	≤ 0.5 W
	Working Temperature	0 °C to 50 °C (32 °F to 122 °F)	0 °C to 40 °C (32 °F to 104 °F)	0 °C to 40 °C (32 °F to 104 °F)	0 °C to 40 °C (32 °F to 104 °F)	0 °C to 40 °C (32 °F to 104 °F)
	Working Humidity	10% to 90%	10% to 80% RH (Condensation)	10% to 80% RH	0% to 90%	10%-80% RH
	Product Dimensions	145 x 145 x 31.89 mm	967.18 mm × 555.42 mm × 72.44 mm	1237.2 mm × 708 mm × 83.44 mm	1962.7 (H) x 738 (V) x 450 (D) mm	585.14 mm × 1705.79 mm × 55 mm
	Packing Dimensions	188 x 176 x 101 mm	1172 mm × 703 mm × 192 mm	1403 mm × 856 mm × 217 mm	2100 (H) × 916 (V) × 303 (D) mm	1935 mm × 765 mm × 303 mm
	Weight	Net weight: 0.6 kg (1.3 lb.) Rough weight: 0.65 kg (1.4 lb.)	Net weight: 11.39 kg (25.11 lb.) Gross weight: 14.75 kg (35.52 lb.)	Net weight: 19.2 kg (42.33 lb.) Gross weight: 24.53 kg (54.08 lb.)	Net weight: 66.190 kg (145.92 lb.) Gross weight: 81.190 kg (178.99 lb.)	Net weight: 48.46 kg (106.84 lb.) Gross weight: 63.46 kg (139.91 lb.)

Hikvision Commercial Displays

Product Quick Guide

2023 Spring Version

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