



Hikvision DS-D5B55RB/B

· Specification summary

Screen Size	55 inch LED Backlight
Backlight	DLED
Resolution	3840 × 2160@60 Hz
Brightness	350 cd/m ²
Viewing Angle	178°(H)/178°(V)
Color Depth	10 bit
Contrast Ratio	4500:1 (Typ.)
Response Time	6 ms
Refresh Rate	60 Hz
Color Gamut	90% NTSC (CIE1931) (Typ.)
Operation System	Android 8.0
Processor	4-core A73 × 2 + A53 × 2, 1.5 GHz
Memory	3 GB
Built-in Storage	32 GB
NIC	Built-in 100 Mbps NIC, supporting routing
Touch Type	Infrared touch screen
Touch Surface	Anti-glare smooth tempered glass
Touch Point	20 point multi-touch
Touch Response Time	< 10 ms
Touch Precision	± 1 mm (≥ 90% touching area)
Optical Bonding	Support
Video & Audio Input	HDMI IN × 2, MAX 4K @ 60 Hz, LINE IN × 1
Video & Audio Output	HDMI OUT × 1, MAX 4K @ 60 Hz, LINE OUT × 1
Network Interface	RJ45 (100 Mbps port) × 2
Data Transmission Interface	USB on front panel × 2, USB on rear panel × 2, touch USB × 1
Control Interface	RS-232 × 1
Loudspeaker	Built-in 2 × 10 W loudspeaker
Bluetooth	Built-in BLE (Bluetooth Low Energy) module supports Bluetooth 5.0 and previous version.
Power Consumption	≤ 250 W (full load)
Standby Consumption	0.5 W
Working Temperature	0 °C to 40 °C (32 °F to 104 °F)

Working Humidity	10% to 90% RH
Power Supply	100 to 240 VAC, 50/60 Hz
Product Dimensions (W × H × D)	1266 × 789 × 83 mm (49.8'' × 31.1'' × 3.3'')
Package Dimensions (W × H × D)	1432 × 904 × 211 mm (56.4'' × 35.6'' × 8.3'')
Net Weight	29.71 kg (65.5 lb.)
Gross Weight	37.25 kg (82.1 lb.)
Mounting Hole Spacing (H × V)	400 × 400 mm
Camera Resolution	8 MP
Camera Function	Smart switch between Android system and OPS
Camera Field Angle	100 °(diagonal), 90°(horizontal), 66°(vertical)
Camera Distortion	≤1%
Maximum Camera Video Resolution	Up to 4K
Microphone Array	Omni-directional 6-array layout
Microphone Functions	Echo reduction and smart noise-cancellation
Microphone Pickup Distance	8 m
Microphone Sample Precision	16 bit
Bluetooth Remote Control	Optional
Video Conferencing	Optional; requires suitable software and hardware
Wireless Screen Mirroring	Wireless sharing from a laptop, desktop PC, phone or tablet; half-screen and quarter-screen split
Whiteboard and Annotation	On-screen writing and annotations; sharing by QR code or e-mail

Specifications are summarised from the manufacturer's published information (checked 2026-09-10). They describe the cited version only. Confirm the exact model, suffix and supplied revision before ordering. ISD confirms supply, price, availability and warranty separately.

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