HIKVISION®

5MP IR Cube IP Camera

DS-2CD2452F-IW

SKU: 12832   UPC: 842571000000

Hikvision's DS-2CD2452F-IW 5 MP EXIR Fixed Cube Network Camera supports the fastest built-in wi-fi technology for wireless video management. The camera features EXIR technology with a range of up to 30 ft (10 m) for viewing in low-light conditions. PIR technology, with a range of up to 30 ft (10 m), detects movement and activates the camera accordingly. Additionally, a built-in microphone and speaker facilitates two-way audio functionality.

Features

1/2.9" (5 MP) Progressive Scan CMOS
Up to 2944 x 1656 Resoution
EXIR up to 30 ft (10 m) IR Range
PIR Range up to 30 ft (10 m)
120 dB WDR, 3D DNR
MicroSD Card Slot Supports 128 GB
Built-In Wi-Fi
Built-In Microphone and Speaker
12 VDC and PoE (802.3af)

Camera Image Sensor 1/2.9" progressive scan CMOS Minimum Illumination Color: 0.028 lux @ (f/2.0, AGC on) , 0 lux with IR Shutter Speed 1/3 s to 1/100,000 s Slow Shutter Yes Day/Night IR cut filter Digital Noise Reduction 3D DNR WDR 120 dB Angle Adjustment Pan: 0° to 360°, tilt: 0° to 90°, rotation: 0° to 360° Lens Focal Length 2.8 mm Aperture f/2.0 FOV Horizontal: 97°, vertical: 54°, diagonal: 113° Lens Mount M12 IR IR Range 35 ft (10 m) Wavelength 850 nm Compression Standard Video Compression Main stream: H.265+/H.265/H.264+/H.264, sub-stream: H.265+/H.265/H.264+/H.264/MJPEG, third stream: H.265+/H.265/H.264+/H.264 H.264 Type Main profile/high profile H.264+ Yes H.265 Type Main Profile H.265+ Yes Video Bit Rate 32 Kbps to 16 Mbps Smart Feature-Set Behavior Analysis Line crossing detection, intrusion detection, unattended baggage detection, object removal detection Exception Detection Scene change detection Face Detection Yes Region of Interest Supports one fixed region for main stream and sub-stream separately Image Maximum Resolution 2944 x 1656 Main Stream 20 fps (2944 x 1656), 30 fps (2560 x 1440, 1920 x 1080, 1280 x 720) Sub-Stream 30 fps (640 x 480, 640 x 360, 320 x 240) Third Stream 30 fps (1280 x 720, 640 x 360, 352 x 240) Image Setting Rotate mode, saturation, brightness, contrast, and sharpness adjustable by client software or web browser Image Enhancement BLC/3D DNR Day/Night Switch Auto/schedule Network Network Storage Supports microSD/SDHC/SDXC card (128 GB), local storage and NAS (NFS, SMB/CIFS), ANR Alarm Trigger Motion detection, video tampering, network disconnected, IP address conflict, HDD full, HDD error, PIR, and illegal login Protocols TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, QoS, IPv6 General Function One-key reset, anti-flicker, three streams, heartbeat, mirror, password protection, privacy mask, watermark, and IP address filter API ONVIF (PROFILE S, PROFILE G), ISAPI Simultaneous Live View Up to 6 channels User/Host Up to 32 users, 3 levels: administrator, operator, and user Client iVMS-4200, Hik-Connect Web Browser IE 8+, Chrome 31.0 to 44, Firefox 30.0 to 51, Safari 8.0+ Interface Audio 1 built-in microphone, 1 built-in speaker, mono sound Communication Interface 1-port RJ45 10M/100M self-adaptive Ethernet port On-Board Storage Built-in microSD/SDHC/SDXC slot, up to 128 GB SVC Supports H.264 and H.265 encoding Reset Button Yes Wi-Fi Wireless Standards IEEE802.11b, 802.11g, 802.11n Frequency Range 2.4 GHz to 2.4835 GHz Channel Bandwidth 20/40 MHz supported Protocols 802.11b: DQPSK, DBPSK, CCK; 802.11g/n: OFDM/64-QAM, 16-QAM, QPSK, BPSK Security WPA, WPA2 Transfer Rates 11b: 11 mbps, 11g: 54 mbps, 11n: up to 150 mbps Wireless Range 165 ft (50 m) (performance variations are based on actual environmental conditions) Audio Environment Noise Filtering

KOA

Yes Audio Sampling Rate 16 kHz General Operating Conditions 14° F to 140° F (-10° C to 40° C); humidity: 95% or less (non-condensing) Power Supply 12 VDC ± 20%, PoE (802.3af, class 3) Power Consumption 12 VDC, 0.47 A, maximum 7 W, PoE (802.3af, 36V to 57V), 0.2 A to 0.1 A, maximum 7 W Material Plastic Protection TVS 2000V Lightning Protection, Surge Protection and Voltage Transient Protection Dimensions 4.05" x 2.57" x 1.28" (102.8 mm x 65.2 mm x 32.6 mm) Weight 0.28 lbs (0.128 k