DS-2CD6026FHWD-A Series
2 MP Ultra Low Light Smart IP Camera

HIKVISION

smart IPC

DARKFIGHTER

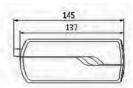**ABF** | **HD** | **smart CODEC** | **smart 60FPS** | **WDR** | **3D DNR**

Key Features

- Full HD1080p Video
- 1/1.8" Progressive Scan CMOS
- Up to 60 fps Frame Rate
- Ultra-Low Light
- Slow Shutter
- 120 dB WDR
- 3D DNR
- Auto Back Focus
- Audio/Alarm I/O
- Supports 128 GB On-Board Storage
- 12 VDC/24 VAC/PoE

Dimensions

69.8 — 58 — 145 — 137

Order Models

DS-2CD6026FHWD-A (Lens: Not Included)

DS-2CD6026FHWD-A3 (Lens: 3.8 to 16 mm f/1.5)

DS-2CD6026FHWD-A7 (Lens: 7 to 33 mm f/0.95)

DS-2CD6026FHWD-A11 (Lens: 11 to 40 mm f/1.5)

	DS-2CD6026FHWD-A(A3)(A7)(A11)
Image Sensor	1/1.8" progressive scan CMOS
Minimum Illumination	Color: 0.001 lux @ (f/1.2, AGC on), B/W: 0.0001 lux @ (f/1.2, AGC on) Color: 0.0016 @ f/1.5, B/W: 0.00016 @ f/1.5
Shutter Speed	1 s to 1/100,000 s
Slow Shutter	Supported
Lens Mount	C/CS mount
Auto Iris	DC drive
Day/Night	IR cut filter
WDR	120 dB
Focus	Supports ABF
Compression Standard	
Video Compression	H.264/MPEG4/MJPEG
H.264 Type	Baseline Profile/Main Profile/High Profile
Video Bit Rate	32 Kbps to 16 Mbps
Audio Compression	G.711/G.722.1/G.726/MP2L2
Audio Bit Rate	64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 128 Kbps (MP2L2)
Image	
Maximum Resolution	1920 × 1080
Frame Rate	60 fps (1920 × 1080, 1280 × 960, 1280 × 720)
Third Stream	Independent with Main Stream and Sub Stream, up to 30 fps (1920 × 1080)
Image Enhancement	BLC/3D DNR/ROI/Defog/EIS
Image Setting	Rotate mode, saturation, brightness, contrast, sharpness adjustable by client software or Web browser
Regional Cropping	Supported
Day/Night Switch	Auto/Schedule/Triggered by Alarm In
Picture Overlay	LOGO picture can be overlaid on video with 128 x 128 24-bit bmp format
Network	
Network Storage	NAS (supports NFS,SMB/CIFS), ANR
Alarm Trigger	Motion detection, Tampering alarm, network disconnect, IP address conflict, storage exception
Protocols	TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DN, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour
Security	User authentication, watermark, IP address filtering, anonymous access
Standard	ONVIF (PROFILE S, PROFILE G), PSIA, CGI, ISAPI
Interface	
Audio	1-ch 3.5 mm audio in (mic in/line in)/out interface, 1 build-in microphone
Communication Interface	1 RJ-45 10M/100M Ethernet port, 1 RS-485 interface and 1 RS-232 interface
Alarm	1 input, 1 output (up to 24 VDC 1A or 110 VAC 500 mA)
Video Output	1 Vp-p composite output (75 Ω/BNC)
On-Board Storage	Built-in microSD/SDHC/SDXC slot, up to 128 GB
Reset Button	Yes
Audio	
Environment Noise Filtering	Supported
Audio I/O	Supports dual audio track, stereo
Audio Sampling Rate	16 kHz/32 kHz/44.1 kHz/48 kHz
Smart Feature Set	
Behavior Analysis	Line crossing detection, intrusion detection, region entrance, region exiting, unattended baggage, object removal
Line Crossing Detection	Cross a pre-defined virtual line
Intrusion Detection	Enter and loiter in a pre-defined virtual region
Region Entrance	Enter a pre-defined virtual region from the outside place
Region Exiting	Exit from a pre-defined virtual region
Unattended Baggage	Objects left in the pre-defined region such as the baggage, purse, dangerous materials
Object Removal	Objects removed from the pre-defined region, such as the exhibits on display.
Exception Detections	Scene change detection, sudden audio increase/decrease detection, audio loss detection, defocus detection
Statistics	Object counting (entrance and exit object numbers are counted and shown on screen in real time)
General	
Operating Conditions	-30° C to 60° C (-22° F to 140° F), humidity 95% or less (non-condensing)
Power Supply	24 VAC ±10%, 12 VDC ±10%, PoE (802.3af)
Power Consumption	Maximum 6 W (maximum 9 W with IR cut filter on)
Dimensions	69.8 mm × 58 mm × 145 mm (2.75" × 2.28" × 5.71")
Weight	830 g (1.83 lbs)