

iDS-2CD6026FWD-A/F

2.0 MP Low Light Face Capture Network Camera

DARKFIGHTER



With Hikvision's built-in industry-leading face capture algorithms, the iDS intelligent network camera is able to automatically detect human faces, capture face images, or trigger an alarm

Smart Detection

Face Capture, Scene Change Detection, Audio Exception Detection, Defocus Detection, Motion Detection, Dynamic Analysis, etc.

Smart Codec

Smart Recording with dual-VCA, Low Bitrate, Low Latency, ROI enhancement, dual-stream, rotate mode, etc.

Smart Image Control

Smart Auto Focus with ABF

Key Features

- Face capture
- 1/1.8" progressive scan CMOS
- Full HD1080p video
- low light
- ICR
- Auto electronic shutter, slow shutter
- 120dB WDR
- 3D DNR
- Auto Back Focus
- Audio/Alarm IO
- Support 128G on-board storage
- DC12V/AC24V/PoE



Function Description

Smart

- Support automatic face capture
- Support feature recognition of captured face, including gender, age group and wearing spectacles or not
- Support calculation by facial features, and report output (daily, weekly, monthly, and annual report optional)
- Smart function: Scene Change Detection, Audio Exception Detection, Defocus Detection, Motion Detection, Dynamic Analysis, etc.
- Smart recording: Support dual-VCA
- Smart encoding: Support low bit rate; low latency; ROI enhance encoding
- Smart lens options: ABF

Image

- Up to 1920 × 1080 resolution
- Support rotate mode, suitable for environment as corridor.
- Code smoothness setting for different requirements of image quality and fluency.
- Support H.264/MJPEG/MPEG4 video compression, multi-level video quality configuration; support Basic/Main/High Profile H.264 encoding complexity.
- 120dB WDR is supportable for backlight environment.
- Support 3D DNR (digital noise reduction)
- Support defog, auto electronic shutter, slow shutter, auto-iris, BLC, EIS.

System

- Support IR cut filter with auto-switch, and two sets of image parameters for day and night surveillance
- Support ONVIF (profile S/profile G), CGI, PSIA, ISAPI protocol.
- Support dual stream, and Support 20 channels live view at the same time
- Support mobile surveillance
- Support one-key reset, picture overlay, IP address filter, heartbeat, mirror, etc.

Interface

- Support standard 128G Micro SD/SDHC/SDXC card storage.
- Support 10M/100M Ethernet Port.
- Support Audio I/O, support dual channel stereo audio.
- Support Alarm I/O
- Support CVBS analog output (4CIF resolution)

Security

- Support user and password authorization and IP address filtering
- Forced password modification during camera activation
- Support security certificate as HTTPS, SSH; support creating certificate.
- Lock user IP for certain failed login attempts

Specifications

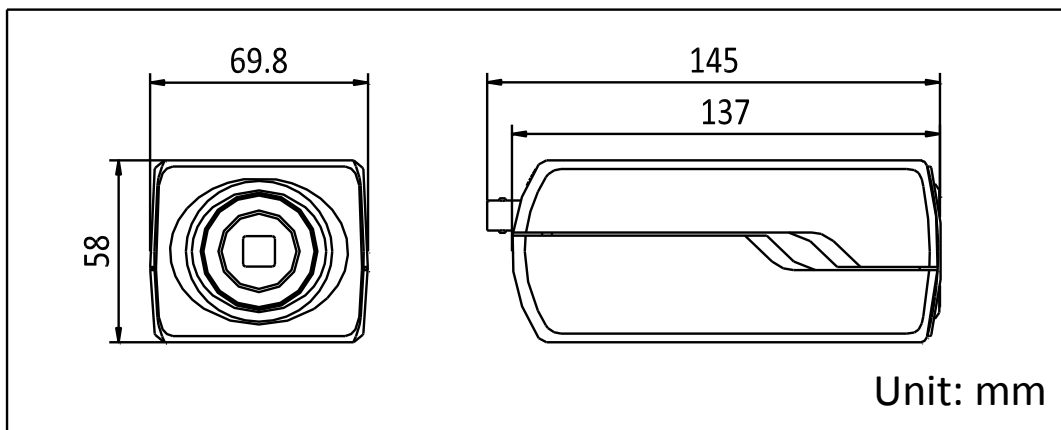
Camera	
Image Sensor	1/1.8" Progressive Scan CMOS
Min. Illumination	Color: 0.001 Lux @ (F1.2, AGC ON), B/W: 0.0001 Lux @ (F1.2, AGC ON)
Shutter Speed	1s to 1/100,000 s
Slow Shutter	Support
Lens Mount	C/CS mount
Auto-iris	DC drive
Day & Night	IR Cut Filter
Digital Noise Reduction	3D DNR
WDR	120dB
Focus	Support ABF (Auto Back Focus)
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	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-128Kbps(MP2L2)
Image	
Max. Resolution	1920 × 1080
Main Stream	50Hz: 25fps(1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)
Sub Stream	704 × 576, 640 × 480, 352 × 288
Image Enhancement	BLC/3D DNR/ROI/Defog/EIS
Region of Interest	Support 4 fixed region for each stream, or dynamic tracking
Image Setting	Rotate Mode, Saturation, Brightness, Contrast, Sharpness adjustable by client software or web browser
Day/Night Switch	Auto/Schedule/Triggered by Alarm In
Picture Overlay	LOGO picture can be overlaid on video with 128x128 24bit bmp format
Network	
Network Storage	NAS (Support NFS, SMB/CIFS), Built-in Micro SD/SDHC/SDXC card slot, up to 128 GB; Support ANR
Smart Function	Scene Change Detection, Audio Exception Detection, Defocus Detection, Motion Detection, Dynamic Analysis
Alarm Trigger	Video Tempering, network disconnect, IP address conflict, HDD full, HDD error
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour
General Function	One-key reset, anti-flicker, dual-stream, heartbeat, mirror, password protection, privacy mask, watermark, IP address filtering
Standard	ONVIF(PROFILE S,PROFILE G),PSIA,CGI,ISAPI
Intelligent	
Face Capture	Support face capture, support feature recognition of captured face, including gender, age group and wearing spectacles or not
Interface	
Audio	1-ch 3.5 mm audio in(Mic in/Line in)/out interface, 1 build-in Microphone (can be turned off)
Communication Interface	1 RJ45 10M/100M Ethernet port, 1 RS-485 interface and 1 RS-232 interface
Alarm	1 input, 1 output (up to DC24V 1A or AC110V 500mA)
Video Output	1Vp-p composite output (75 Ω/BNC)
On-board storage	Built-in Micro SD/SDHC/SDXC slot, up to 128 GB
Reset Button	Yes

General	
Operating Conditions	-30 °C – 60 °C (-22 °F – 140 °F), Humidity 95% or less (non-condensing)
Power Supply	24 VAC ± 10%, 12 VDC ± 10%, PoE (802.3af)
Power Consumption	Max. 6 W (Max. 9W when IR cut filter switches)
Dimensions	69.8 × 58 × 145 mm (2.75" × 2.28" × 5.71")
Weight	830 g (1.83 lbs)

Order Models:

iDS-2CD6026FWD-A/F

Dimensions



Accessories



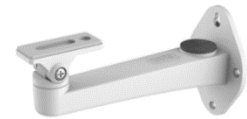
HV3816D-8MPIR
3.8 - 16mm DC Iris Lens



HV1140D-8MPIR
11 - 40mm DC Iris Lens



DS-1293ZJ
Long Arm Wall Mount
(For camera with housing)



DS-1292ZJ
Short Arm Wall Mount



DS-1331HZ-C/H/W/HW
Outdoor Housing



DS-1320HZ
Indoor Housing



DS-1331HZ-K
Outdoor Housing
(Recommended)

Distributed by



Headquarters

No.555 Qianmo Road, Binjiang District,
Hangzhou 310051, China
T +86-571-8807-5998
overseasbusiness@hikvision.com

Hikvision USA
T +1-909-895-0400
sales.usa@hikvision.com

Hikvision Italy
T +39-0438-6902
info.it@hikvision.com

Hikvision Singapore
T +65-6684-4718
sg@hikvision.com

Hikvision Europe
T +31-23-5542770
saleseuro@hikvision.com

Hikvision France
T +33(0)1-85-330-444
info.fr@hikvision.com

Hikvision Oceania
T +61-2-8599-4233
salesau@hikvision.com

Hikvision Middle East
T +971-4-8816086
salesme@hikvision.com

Hikvision Spain
T +34-91-737-16-55
info.es@hikvision.com

Hikvision Hong Kong
T +852-2151-1761

Hikvision Russia
T +7-495-669-67-99
saleru@hikvision.com

Hikvision Poland
T +48-22-460-01-50
poland@hikvision.com

Hikvision Canada
T +1-909-895-0400
sales.usa@hikvision.com

Hikvision India
T +91-22-28469900
sales@pramahikvision.com

Hikvision UK
T +44-1628-9021-4
support.uk@hikvision.com