iDS-2CD6024FWD/B BEHAVIOR ANALYSIS
2MP Intelligent Network Camera

HD | **WDR** | **smart** | **3D DNR** | **SD**

With Hikvision's built-in industry-leading behavior analysis algorithms, the iDS Intelligence network camera adds significant workplace efficiency with its ability to automatically detect and analyze intelligent events, including line crossing, region entrance, region exiting, intrusion, object removal, unattended baggage. Combined with Hikvision iVMS-5200 Professional video management software, the iDS Intelligence camera is an easy-to-use and cost-efficient data-analyzer solution.

- Up to 2 megapixel (1920×1080) @ 30 fps resolution
- H.264 High Profile, full HD with 1080p@30fps
- Standard video compression with high compression ratio.
- Progressive scan CMOS
- ROI function(Region of Interest)
- Built-in Micro SD / SDXC card slot, up to128GB
- Support 3D DNR
- Wide dynamic range , up to 120dB
- Support intelligent analysis, includes intrusion detection, traverse plane detection, face detection, audio detection, defocus detection, scene change detection
- IR cut filter with auto switch
- Built-in microphone, two-way audio
- Support DC/AC/PoE power modes
- Up to 20 channels live view at the same time
- Auto-iris, electronic shutter, BLC for different surveillance environments
- Support local analog video output for adjustment and installation
- LOGO picture can be overlaid on video
- Other functions: IP address filtering, anonymous access, PTZ control, alarm, reset button, mirror, etc
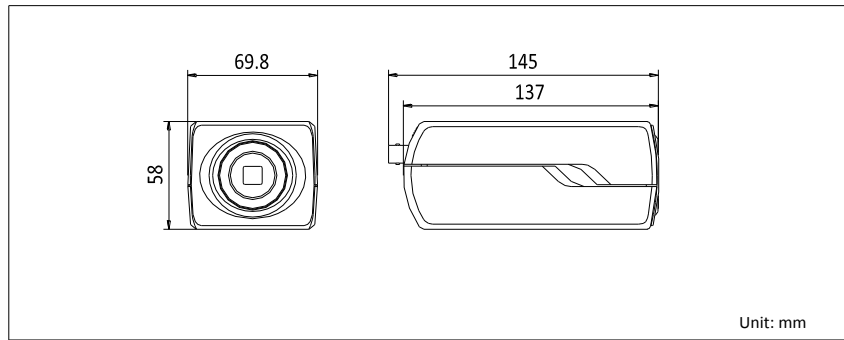
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BEHAVIOR ANALYSIS
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Specification

Camera	
Image Sensor	1/2.8'' Progressive Scan CMOS
Min. Illumination	Color: 0.01 Lux @ (F1.2, AGC ON), B/W: 0.001 Lux @ (F1.2, AGC ON)
Shutter Speed	1/1s ~ 1/100,000s
Slow Shutter	Support
Day & Night	IR cut filter with auto switch
DNR	3D Digital Noise Reduction
WDR	120dB Wide Dynamic Range

Compression Standard	
Video Compression	H.264 / MJPEG / MPEG4
H.264 Type	Baseline Profile / Main Profile / High Profile
Video Bit Rate	32 Kbps – 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 x1080
Frame Rate (main stream)	50Hz: 25fps(1920 × 1080,1280 × 960,1280 × 720) 60Hz: 30fps(1920 × 1080,1280 × 960,1280 × 720)
Image Setting	Rotate Mode, Saturation, Brightness, Contrast, Sharpness adjustable by client software or web browser
BLC	Yes, zone configurable
Defog	Yes
HLC	Yes
EIS	Yes
Day/Night Switch	Auto/Schedule/Triggered by Alarm In
Picture Overlay	LOGO picture can be overlaid on video with 128x128 24bit bmp format
RoI	Support

Interface	
Audio Interface	1 x 3.5mm audio input (Mic in / Line in) / output external interface
Communication Interface	1 x RJ45 10M/100M Ethernet interface/1 RS232/1 RS-485
Alarm I/O	1/1
General Function	One-key recovery, flash-prevention, heartbeat, mirror, password protection, video mask, Watermark, IP address filtering, Anonymous access

Dimensions

69.8   145   137   58

Unit: mm

Network	
Network Storage	Micro SD/SDHC/SDXC card (128G), NAS(NFS, SMB/CIFS), edge recording
Alarm Trigger	Intrusion detection, audio exception detection, defocus detection, motion detection, face detection, dynamic analysis, tampering alarm, network disconnect, IP address conflicts, storage exception
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour
Standard	ONVIF, PSIA, CGI, ISAPI
Common features	Reset, flickerless, three streams, heartbeat, mirror, password protection, video masking, watermark, anonymous login, IP address filtering
Intelligent	
Behavior Analysis	Line crossing, Region entrance, Region exiting, Intrusion, Object removal, unattended baggage
General	
Operating Conditions	-30 °C – 60 °C (-22 °F – 140 °F), Humidity 95% or less (non-condensing)
Power Supply	24 V AC ± 10%, 12 V DC ± 10%, PoE (802.3af)
Power Consumption	Max. 6 W
Dimensions	69.8×58×145 mm (2.68" × 2.56" × 5.70")
Weight	830 g (1.83 lbs)
Order Models	
iDS-2CD6024FWD/B	

Accessories

HV3816D-8MPIR

3.8~16mm DC Iris Lens

HV3816P-8MPIR

3.8~16mm P-Iris Lens

HV1140D-8MPIR

11~40mm DC Iris Lens

HV1140P-8MPIR

11~40mm P-Iris Lens

DS-1293ZJ

Long Arm Wall Mount

DS-1292ZJ

Short Arm Wall Mount

DS-1322HZ-C/H/CW/HW

Outdoor Housing

DS-1320HZ

Indoor Housing

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