

## iDS-2CD6412FWD/C PEOPLE COUNTING 1.3MP Intelligent Network Camera



### Installation

Vertical installation is required to ensure the accuracy of visitor flow accounting. The following data is for reference. Please consult our technique for details.

Height (m)	Recommended Focus (mm)	Width of Gate (m)
2.5	2.1	2.0
2.6	2.1	2.2
2.7	2.1	2.4
2.8	2.1	2.6
2.9	2.1	2.7
3.0	2.1	2.8
3.1	2.1	2.9
3.2	2.1	3.0
3.3	2.1	3.0
3.4	2.1	3.0
>=3.5	2.8	3.0
<=5.0	2.8	3.0

With Hikvision's built-in industry-leading traffic counter algorithms, the iDS Intelligence network camera adds significant workplace efficiency with its ability to automatically count all people traffic statistic and chart which direction the people are walking in. combined with Hikvision iVMS-5200 Professional video management software, the iDS Intelligence camera is an easy-to-use and cost-efficient data-analyzer solution.

- Support real-time people entering/exiting data.
- Support statistical traffic report based on configurable time interval (day/week/month/year).
- Up to 1.3 Megapixel high resolution, 1280x960 up to 30fps real-time video
- 1/3-inch progressive scene CMOS sensor
- Support Smart Codec, high bandwidth efficiency, low time delay and optimized bit rate.
- Support 120dB WDR and 3D DNR.
- Support on-board storage, Micro SD/SDHC/SDXC up to 128GB, card not included.
- Triple video streams for different uses.
- Defog, Electronic Image Stabilization, various BLC modes.
- Support Smart Detection, including: Intrusion Detection, Audio Exception Detection, etc.



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## Specification

<b>Camera</b>	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	Color: 0.01 Lux @ (F1.2, AGC ON), 0.028 Lux @ (F2.0, AGC ON) B/W: 0.001 Lux @ (F1.2, AGC ON), 0.0028 Lux @ (F2.0, AGC ON)
Shutter Speed	1/1s ~ 1/100,000s
Slow Shutter	Support
Lens	2.1mm/F2.2, horizontal FoV: 115° or 2.8mm/F2.0, horizontal FoV: 92.5°
Day & Night	Electronic
DNR	3D Digital Noise Reduction
WDR	120dB Wide Dynamic Range
Lens Cable Length	2 meters, 8 meters optional
<b>Compression Standard</b>	
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)
<b>Image</b>	
Max. Resolution	1280 x 960
Frame Rate (main stream)	50Hz: 25fps(1280 x 960), (1280 x 720) 60Hz: 30fps (1280 x 960), (1280 x 720)
Frame Rate (sub stream)	25/30fps (VGA, 4CIF, CIF)
Frame Rate (third stream)	50Hz: 25fps(1280 x 960) 60Hz: 30fps (1280 x 960)
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	4 fixed regions can be set or dynamic analysis
<b>Interface</b>	
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

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## Network

Network Storage	NAS (NFS,SMB/CIFS)
Alarm Trigger	Intrusion detection, line crossing detection, audio exception detection, defocus detection, motion detection, face detection, dynamic analysis, tampering alarm, network disconnect, IP address conflicts, storage full, storage 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
Standard	ONVIF, ISAPI
Common features	Reset, flickerless, three streams, heartbeat, mirror, password protection, video masking, watermark, anonymous login, IP address filtering

## People Counting

People Counting	People entering and exiting data can be accounted, displayed and exported. (The people counting data is saved in the FLASH )
	People counting data can be displayed on screen in real time and exported day/week/month/year excel chart (with SD card/NAS/Storage Server/Platform)

## General

Operating Conditions	-30 °C – 60 °C (-22 °F – 140 °F), Humidity 95% or less (non-condensing)
Power Supply	12 V DC ± 10%
Power Consumption	Max. 7.5W
Dimensions	Main unit: 107.6mm x 78mm x 33.5mm Lens: 48.7mm x 30.7mm x 31.5mm Lens cover : Ø95 x 31.5mm
Weight	770g (with 8 meters cable)

## Order Models

iDS-2CD6412FWD/C (8m)

## Dimensions (mm)

