

## iDS-2CD6412FWD/C

### 1.3 MP Intelligent Indoor People Counting Network Camera



With Hikvision's built-in, industry-leading traffic counter algorithms, the iDS-2CD6412FWD/C Intelligent Network Camera adds significant workplace efficiency with its ability to automatically count people traffic statistics and chart in which direction people are walking.

Combined with Hikvision iVMS video management software, the iDS-2CD6412FWD/C Intelligent Network Camera is an easy-to-use and cost-efficient data-analyzer solution.

- 1/3" Progressive CMOS Sensor
- 1.3 MP (1280 x 960) Resolution
- Up to 30 fps @ 1.3 MP
- 120 dB True WDR
- People Counting
- On-Board Storage, Up to 128 GB MicroSD
- Smart Detection
- 12 VDC, 7.5 W

#### Available Models:

iDS-2CD6412FWD/C



# Specifications

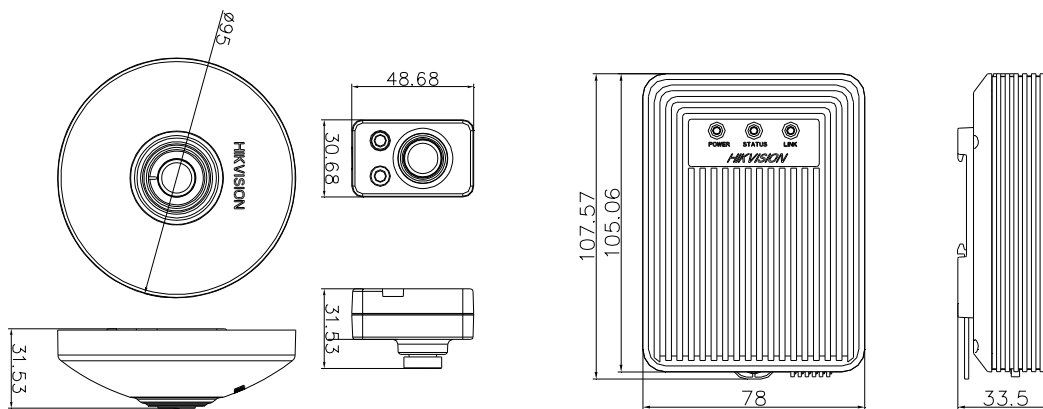
IDS-2CD6412FWD/C	
<b>Camera</b>	
Image Sensor	1/3" progressive scan CMOS
Minimum Illumination	Color: 0.01 lux @ (f/1.2, AGC on), 0.028 lux @ (f/2.0, AGC on) B/W: 0.001 lux @ (f/1.2, AGC on), 0.0028 lux @ (f/2.0, AGC on)
Shutter Speed	1/1s to 1/100,000s
Slow Shutter	Supported
Lens	2.1 mm/f/2.2, horizontal FoV: 115° or 2.8 mm/f/2.0, horizontal FoV: 92.5°
Day/Night	Electronic
DNR	3D Digital Noise Reduction
WDR	120 dB Wide Dynamic Range
Lens Cable Length	6.56 ft (2 m). Optional: 26.25 ft (8 m)
<b>Compression Standard</b>	
Video Compression	H.264/MJPEG/MPEG4
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)
<b>Image</b>	
Maximum Resolution	1280 x 960
Frame Rate (main stream)	60 Hz: 30 fps (1280 x 960), (1280 x 720)
Frame Rate (sub stream)	25/30 fps (VGA, 4CIF, CIF)
Frame Rate (third stream)	60 Hz: 30 fps (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 128 x 128 24-bit bmp format
ROI	4 fixed regions can be set for dynamic analysis
<b>Interface</b>	
Audio Interface	1 x 3.5 mm audio input (mic in/line in)/output external interface
Communication Interface	1 x RJ-45 10M/100M Ethernet interface/1 RS-232/1 RS-485
Alarm I/O	1/1
<b>Network</b>	
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
Standards	ONVIF, PSIA, CGI, ISAPI
Common Features	Reset, flickerless, three streams, heartbeat, mirror, password protection, video masking, watermark, anonymous login, IP address filtering
<b>People Counting</b>	
People Counting	People entering and exiting data can be accounted, displayed, and exported (people counting data is saved in the flash storage). People counting data can be displayed on screen in real time and exported day/week/month/year to Excel chart (with SD card/NAS/storage server/platform).
<b>General</b>	
Operating Conditions	-22° to 140° F (-30° to 60° C), humidity 95% or less (non-condensing)
Power Supply	12 VDC ±10%
Power Consumption	Maximum 7.5 W
Dimensions	Main unit: 107.6 mm x 78 mm x 33.5 mm Lens: 48.7 mm x 30.7 mm x 31.5 mm Lens cover : Ø95 x 31.5 mm
Weight	27 oz (770 g) with 26 ft/8 m cable

## 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		Recommended Focus		Width of Gate	
ft	m	in	mm	ft	m
8.2	2.5	0.08274	2.1	6.56	2.0
8.528	2.6	0.08274	2.1	7.216	2.2
8.856	2.7	0.08274	2.1	7.872	2.4
9.184	2.8	0.08274	2.1	8.528	2.6
9.512	2.9	0.08274	2.1	8.856	2.7
9.84	3.0	0.08274	2.1	9.184	2.8
10.168	3.1	0.08274	2.1	9.512	2.9
10.496	3.2	0.08274	2.1	9.84	3.0
10.824	3.3	0.08274	2.1	9.84	3.0
11.152	3.4	0.08274	2.1	9.84	3.0
>=11.48	>=3.5	0.11032	2.8	9.84	3.0
<=16.4	<=5.0	0.11032	2.8	9.84	3.0

## Dimensions



## Box Contents (Subject to Change without Notice)

- 12 VDC Power Supply
- 3M Double-Sided Tape Strip
- Black Machine Screws x 4
- Camera Front Cover
- Camera with 24 Foot Cord
- Control Box
- Control Box Mount
- Focal Length Reference Sheet
- Quick Start Guide x 2
- Screws
- Wall Mount Rail for Controller