

## 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)<br>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<br>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)<br>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)<br>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<br>Lens: 48.7mm x 30.7mm x 31.5mm<br>Lens cover : Ø95 x 31.5mm |
| Weight               | 770g (with 8 meters cable)  |

## Order Models

iDS-2CD6412FWD/C (8m)

## Dimensions (mm)

