The DeepinView Series iDS-2CD8426G0/F-I dual-lens face recognition camera contains a deep learning algorithm and powerful GPU, which enables instant face detection, capture, and comparison against a library of stored faces. This allows for face recognition and alarm triggering.

Additionally, the camera supports five video streams and has an IR range of up to 30 ft (10 m).

**Available model:** iDS-2CD8426G0/F-I (4 mm)
### Specifications

**Camera**
- **Image Sensor**: 1/2.8" Progressive Scan CMOS x 2
- **Minimum Illumination**: Color: 0.005 lux @ f/1.2, ABC on; color: 0.0089 lux @ f/1, L6; ABC on, 0 lux with IR on
- **Shutter Speed**: 1/25 s to 1/100,000 s
- **Auto Iris**: No
- **Day/Night IR Cut Filter**: Yes
- **Digital Noise Reduction**: Yes
- **Environmental Noise Filtering**: Yes
- **Power Consumption and Simultaneous Live View**: Low

**Lens**
- **Minimum Illumination**: FOV 4 mm, horizontal FOV 86°, vertical FOV 46°, diagonal FOV 103°
- **Focal Length**: Two identical lenses, 4 mm lens
- **Aperture**: f/1.6
- **IR**: Yes
- **IR Range**: 30 ft (10 m)

**Compression**
- **Audio Compression**: G.711/G.722.1/G.726/MP2L2/PCM
- **Video Bit Rate**: 32 Kbps to 16 Mbps
- **Audio Bit Rate**: 64 Kbps (6.711)/16 Kbps (5.722)/16 Kbps (5.726)/32 to 192 Kbps MP2L2

**Smart Feature Set**
- **Exception Detection**: Yes
- **Audio Exception Detection**: Yes

**Face Recognition**
- **Face Capture**: Capture, automatically select and output optimum face picture
- **Face Recognition**: Instantly compare captured face pictures with those in face picture libraries, recognized faces trigger alarm if alarm action is configured.

**Image**
- **Maximum Resolution**: 1920 x 1080
- **Main Stream**: 30 fps (1920 x 1080, 1280 x 720)
- **Sub Stream**: 30 fps (704 x 480, 640 x 480, 352 x 240)
- **Third Stream**: 30 fps (704 x 480, 640 x 480, 352 x 240)
- **Fourth Stream**: 30 fps (704 x 480, 640 x 480, 352 x 240)
- **Fifth Stream**: 30 fps (704 x 480, 640 x 480, 352 x 240)
- **Image Enhancement**: BLC, HLC, defog, EIS, lens distortion correction, 3D DNR
- **Image Setting**: Saturation, brightness, contrast, sharpness, AGC and white balance adjustable by client software or web browser
- **Picture Overlay**: LOGO picture can be overlaid on video with 128 × 128 24bit bmp format

**Network**
- **Network Storage**: Supports microSD/SDHC/SDXC card [128 GB] local storage, NAS (SMB/CIFS), ANR
- **Alarm Trigger**: Motion detection, video tampering alarm, network disconnected, IP address conflict, illegal login, HDD full, HDD error
- **Protocols**: TCP/IP, SMTP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTSP, RTSPV, PPS, NTP, UPnP, SMT, SMTP, SNMP, IGMP, 802.1X, 805, IPv6, UDP, Bonjour
- **Video Codec**: H.265+/H.264+/H.265/H.264/MJPEG
- **Audio Encoder**: G.711/G.722.1/G.726/MP2L2/PCM
- **Audio exception detection**: Yes
- **Simultaneous Live View**: Up to 20 channels
- **User/Host**: Up to 32 users. Three levels: administrator, operator, and user
- **Client**: iVMS-4200
- **Web Browser**: IE7+, Chrome 18–42, Firefox 5.0+, Safari 5.0.2

**Interface**
- **Audio**: 1 audio input line in/out, 1 audio output line in/out, microphone
- **Communication Interface**: 1 RJ45 10M/100M/1000M, 1 RS-485 interface
- **Alarm**: 1 input, 1 output (up to 24 VDC 1 A or 110 VAC 500 mA)
- **Un-Board Storage**: Built-in micro SD/MMC/SDXC slot, up to 128 GB

**Audio**
- **Environmental Noise Filtering**: Supported
- **Audio Sampling Rate**: Maximum 48 kHz

**General**
- **Operating Conditions**: -14°F to 104°F (-10°C to 40°C), humidity of 95% or less (non-condensing)
- **Power Supply**: 36 VDC, two-core terminal block
- **Power Consumption and Current**: 36 VDC, max. 27 W, 0.75A
- **Protection Level**: TVS 4000V Lightning Protection, Surge Protection and Voltage Transient Protection
- **Shell Material**: Metal
- **Dimensions**: 7.10” x 5.79” x 4.64” [180.4 x 147 x 117.9 mm]
- **Weight**: Approximately 3.31 lb (1.50 kg)
Dimensions

180.4 [7.10]  
177.5 [4.49]  
167.51 [6.59]  
120 [4.72]  
4-Φ4.5 [Φ0.18]  
108.6 [4.67]  
53.38

Unit [inch]