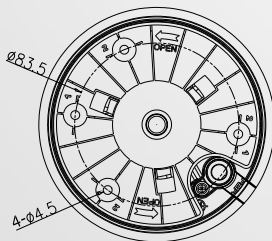
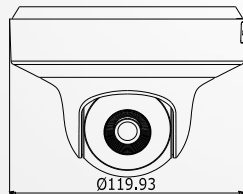
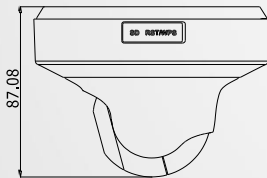


## DS-2CD2F22FWD-I (W)(S) 2MP WDR Mini PT Network Camera



Hikvision's DS-2CD2F series of IR Mini PT network cameras is specifically designed for indoor surveillance, such as home, office, store or other small-sized business.

### Dimensions



- Up to 2 megapixel high resolution
- Full HD1080p video
- Dual stream
- 120dB Wide Dynamic Range
- Pan & tilt rotation
- Support on-board storage, up to 128GB
- DC12V & PoE
- Support H.264+
- Up to 10m IR range
- -S: Audio/Alarm IO
- -W: Built-in Wi-Fi



# DS-2CD2F22FWD-I (W)(S) 2MP WDR Mini PT Network Camera



## Specification

| <b>Camera</b>               |   |
|-----------------------------|---|
| Image Sensor                | 1/2.8" Progressive Scan CMOS  |
| Min. Illumination           | 0.01Lux @ (F1.2, AGC ON) ,0 Lux with IR   |
| Shutter Speed               | 1/3 s to 1/10,000 s   |
| Lens                        | 2.8mm, 4mm, 6mm @ F2.0 angle of view: 109.4°(2.8mm), 90°(4mm), 53.9°(6mm)   |
| Lens Mount                  | M12   |
| Day &Night                  | IR cut filter with auto switch  |
| DNR                         | 3D DNR  |
| Wide Dynamic Range          | 120dB   |
| P&T rotation                | Motorized Pan: -90° ~ 90°, Tilt: 0° ~ 75°   |
| <b>Compression Standard</b> |   |
| Video Compression           | H.264 / MJPEG/H.264+  |
| H.264 Type                  | Main Profile  |
| Video Bit Rate              | 32 Kbps ~ 16 Mbps   |
| Dual streams                | Support   |
| <b>Image</b>                |   |
| Max. Resolution             | 1920 × 1080   |
| Max Frame Rate              | 50Hz: Main stream: 25fps(1920×1080), 25fps(1280×960), 25fps(1280×720) Sub stream: 25fps(352×288), 25fps(640×360)<br>60Hz: Main stream: 30fps (1920×1080), 30fps(1280×960), 30fps(1280×720) Sub stream: 30fps(352×240), 30fps(640×360) |
| Image Setting               | Rotate Mode, Saturation, Brightness, Contrast, Sharpness adjustable by client software or web browser   |
| BLC                         | Support, zone configurable  |
| ROI Codec                   | Support   |
| <b>Network</b>              |   |
| Network Storage             | NAS (Support NFS,SMB/CIFS), ANR   |
| Detection                   | Intrusion detection, Line crossing detection, Motion detection, Dynamic analysis  |
| Alarm Trigger               | Tampering alarm, Network disconnect, IP address conflict, Storage exception   |
| Protocols                   | TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour   |
| General                     | Anti-Flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filtering, Anonymous access   |
| Standard                    | ONVIF (PROFILE S, PROFILE G), PSIA, CGI,ISAPI   |
| <b>Interface</b>            |   |
| Communication Interface     | 1 RJ45 10M/100M Ethernet port   |
| On-board storage            | Built-in Micro SD/SDHC/SDXC slot, up to 128 GB  |
| Alarm interface             | 1x alarm I/O *only for -S models  |
| Audio interface             | 1x audio I/O *only for -S models  |
| Reset                       | Yes   |

# DS-2CD2F22FWD-I (W)(S) 2MP WDR Mini PT Network Camera



## Wi-Fi \* only for -W models

|                    |  |
|--------------------|--|
| Wireless Standards | IEEE802.11b, 802.11g, 802.11n                                  |
| Frequency Range    | 2.4 GHz ~ 2.4835 GHz   |
| Channel Bandwidth  | 20/40MHz Support   |
| Protocols          | 802.11b: CCK, QPSK, BPSK, 802.11g/n: OFDM                      |
| Security           | 64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK, WPS                |
| Transfer Rates     | 11b: 11Mbps, 11g: 54Mbps, 11n: up to 150Mbps                   |
| Wireless Range     | 50 meters *The performance varies based on actual environment. |

## General

|                      |  |
|----------------------|--|
| Operating Conditions | -10 °C ~ 40 °C (-14 °F – 104 °F), Humidity 95% or less (non-condensing)    |
| Power Supply         | DC12V ± 25%, PoE (802.3af Class3)  |
| Power Consumption    | Max. 5W (Max. 7 W with IR cut filter on, max. 9W with pan & tilt rotation) |
| Material             | Top Cover: Plastic ; Base: Metal   |
| IR Range             | Approx. 10 meters  |
| Dimensions           | Φ119.93 × 87.08mm  |
| Weight               | 500g (1.1lbs)  |

## Order Models

DS-2CD2F22FWD-I, DS-2CD2F22FWD-IS, DS-2CD2F22FWD-IW, DS-2CD2F22FWD-IWS  
-S: Audio/Alarm IO, -W: Built-in Wi-Fi