

# DS-2CV2Q21FD-IW

DS-2CV2Q21FD-IW 2,0MM (B) 2MP IP PT KAMERA HIKVISION ( N )



|                     |                 |
|---------------------|-----------------|
| Model               | DS-2CV2Q21FD-IW |
| Brend               | Hikvision       |
| Meqapixel           | 2 MP            |
| Gecə görmə məsafəsi | 10m             |
| Səs                 | İkitərəfli səs  |
| Micro SD            | 256Gb           |
| Internet            | Wifi            |
| İş mühiti           | Indoor          |

## Specification

|                   |                                                                        |
|-------------------|------------------------------------------------------------------------|
| Camera            |                                                                        |
| Image Sensor      | 1/2.7" Progressive Scan CMOS                                           |
| Min. Illumination | Color: 0.028Lux @ (F2.0, AGC ON), 0 Lux with IR                        |
| Shutter Speed     | 1/3 s to 1/100,000 s                                                   |
| Slow Shutter      | Yes                                                                    |
| Day & Night       | IR Cut Filter                                                          |
| WDR               | DWDR                                                                   |
| Angle Adjustment  | 2.0 mm: Pan: 0° to 355°,Tilt: -10° to 85°                              |
|                   | 2.8 mm: Pan: 0° to 355°,Tilt: -10° to 90°                              |
| Lens              |                                                                        |
| Lens Type         | Fixed lens, 2.0/2.8mm                                                  |
| Aperture          | 2.0 mm: F2.2                                                           |
|                   | 2.8 mm: F2.0                                                           |
| FOV               | 2.0 mm@F2.2: horizontal FOV: 136°,vertical FOV: 80°,diagonal FOV: 153° |
|                   | 2.8 mm@F2.0: horizontal FOV:112°, vertical FOV: 60°,diagonal FOV: 132° |
| Lens Mount        | M12                                                                    |
| Illuminator       |                                                                        |
| IR Range          | Up to 10 m                                                             |
| Wavelength        | 850 nm                                                                 |
| Video             |                                                                        |
| Max. Resolution   | 1920 × 1080                                                            |
| Main Stream       | 50Hz: 25fps(1920 × 1080, 1280 × 720)                                   |
|                   | 60Hz: 30fps(1920 × 1080, 1280 × 720)                                   |

|                            |                                                                                                                            |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Sub Stream                 | 50Hz: 25fps(640 × 360)<br>60Hz: 30fps(640 × 360)                                                                           |
| Video Compression          | Main stream: H.265+/H.264+/H.265/H.264<br>Sub-stream: H.265/H.264/MJPEG                                                    |
| H.264 Type                 | Baseline Profile/Main Profile                                                                                              |
| H.265 Type                 | Main Profile                                                                                                               |
| Video Bit Rate             | 32 Kbps to 8 Mbps                                                                                                          |
| Audio                      |                                                                                                                            |
| Audio Compression          | G.711/G.722.1/G.726/MP2L2/PCM                                                                                              |
| Audio Bit Rate             | 64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)                                                              |
| Environment NoiseFiltering | Yes                                                                                                                        |
| Audio Sampling Rate        | 8 kHz/16 kHz                                                                                                               |
| Smart Feature-Set          |                                                                                                                            |
| Basic Event                | Motion tracking, motion detection, exception (network disconnected, IP address conflict, illegallogin, HDD full,HDD error) |

|                         |                                                                                                         |
|-------------------------|---------------------------------------------------------------------------------------------------------|
| Linkage Method          | Upload to NAS/memory card,notify surveillance center,trigger recording, trigger capture, audiblewarning |
| Image                   |                                                                                                         |
| Image Enhancement       | BLC, HLC, 3D DNR                                                                                        |
| Image Setting           | Saturation, brightness, contrast, sharpness, AGC and white balance adjustable by client software        |
| Day/Night Switch        | Day/Night/Auto/Schedule                                                                                 |
| SNR                     | > 50dB                                                                                                  |
| Network                 |                                                                                                         |
| Network Storage         | microSD/SDHC/SDXC card(256 GB), localstorage and NAS (NFS,SMB/CIFS)                                     |
| Protocols               | TCP/IP, ICMP,DHCP, DNS, DDNS, HTTP, RTP, RTSP,NTP, UPnP, IGMP, IPv6, UDP, QoS, Bonjour                  |
| API                     | ISAPI, SDK                                                                                              |
| Security                | Password protection, complicated password, IP addressfilter, watermark                                  |
| Simultaneous Live View  | Up to 6 channels                                                                                        |
| User/Host               | Up to 32 users,3 levels: administrator, operator and user                                               |
| Client                  | iVMS-4200, Hik-Connect, iVMS-4500, iVMS-5200                                                            |
| Interface               |                                                                                                         |
| Communication Interface | 1 RJ45 10M/100M self-adaptive Ethernet port                                                             |
| Audio                   | Built-in microphone&speaker                                                                             |
| On-board storage        | Built-in micro SD/SDHC/SDXC slot, up to 256GB                                                           |
| Wi-Fi                   |                                                                                                         |
| Protocol                | IEEE802.11b, 802.11g, 802.11n                                                                           |
| Frequency               | 2.4 GHz - 2.4835 GHz                                                                                    |
| Channel Bandwidth       | 20/40MHz Support                                                                                        |
| Modulation              | 802.11b: DSSS, 802.11g: OFDM, 802.11n(20MHz&40MHz): OFDM                                                |
| Security                | 64/128-bit WEP, WPA-EAP/WPA2-EAP, WPA-PSK/WPA2-PSK                                                      |
| Transfer Rate           | 11b: 11Mbps, 11g:54Mbps, 11n: up to 150Mbps                                                             |
| Wireless Range          | 80 meters (The performance varies basedon actual environment)                                           |
| General                 |                                                                                                         |

|                                  |                                                                        |
|----------------------------------|------------------------------------------------------------------------|
| General Function                 | Anti-flicker, heartbeat, mirror, password protection, flash log        |
| Reset                            | Reset via resetbutton on camera body, web browser and client software  |
| Startup and Operating Conditions | -10 °C to 40°C(14 °F to 104°F), humidity 95% or less (non-condensing)  |
| Storage Conditions               | -10 °C to 40°C (14 °F to 104 °F),humidity 95% or less(non-condensing)  |
| Power Supply                     | 5 VDC ± 10%, micro USB interface                                       |
| Power Consumption and Current    | 5 VDC, 1.60 A, max.8 W                                                 |
| Material                         | Plastic                                                                |
| Dimensions                       | Camera: Ø82.4 × 113.6 mm (Ø3.3" × 4.5")                                |
| Weight                           | Camera: Approx.280 g (0.6 lb.)<br>With package: Approx.550 g (1.2 lb.) |