

# DS-2CD2120F-I

2 Megapixel IP Camera  
1/2.8" Progressive Scan CMOS  
H.264 / MJPEG Compression  
2.8 mm Lens  
30 LED's Range 30 m  
WEB, CMS Software, Smartphone  
and NVR



HIKVISION HIWATCH IP dome camera, vandal-proof with IR.

It has an image sensor 1/2.8" Progressive Scan CMOS. Maximum resolution of 2.0 Megapixel (1920x1080). Image compression format H.264 and MJPEG. Fixed lens of 2.8 mm with a diagonal viewing angle of 94°. 30 infrared LED's that are activated automatically providing a sharp image at 0 Lux (total darkness) to a maximum distance of 30 m. It has automatic IR Cut filter that permits clear, real colour, daytime images.

Integrates intelligent video analysis (VCA) and line crossing or intrusion detection. Another new feature, the regions of interest (ROI), can reduce the bandwidth assigning the optimal resolution only in the selected areas. Excellent image quality thanks to improvements such as noise reduction (3D-NR), backlight compensation (BLC and DWDR) and automatic shutter control (AE), among others. Slot for Micro SD card for local storage.

Ethernet network port connector RJ45 that allows a powerful remote access via web browser (multiplatform), via software IVMS4200 or free application for smartphone IVMS4500. Supports Dual Stream, which gives fast and fluent access to the Internet. The camera installation is very simple as it is done with a simple scan of the QR code placed at the camera, thanks to the service EZVIZ Cloud P2P, so there is no need to open ports or use DDNS services for immediate remote access. If necessary, it also includes DDNS service provided by the manufacturer, which makes it possible to work with dynamic IP at the usual connection mode. Compatible with standards ONVIF, PSIA, CGI, ISAPI.

Housing made of aluminum, anti-vandal IK10 and weatherproof, according to protocol IP66, can be used for both indoor and outdoor. Supports PoE power supply, according to standard IEEE802.3af.

# Specifications

<b>Brand</b>	HIWATCH HIKVISION
<b>Image sensor</b>	1/2.8" Progressive Scan CMOS
<b>Maximum resolution</b>	2.0 Megapixel (1920x1080)
<b>Main Stream rate</b>	2.0M/1.3M/1.0M (1 ~ 25 FPS)
<b>Extra Stream rate</b>	D1/CIF (1 ~ 25 FPS)
<b>Compression</b>	H264/ MJPEG
<b>Bitrate</b>	32 Kbps ~8 Mbps
<b>Lens</b>	2.8 mm (94°)
<b>Minimum illumination</b>	0.01 Lux @F1.2, AGC ON, 0 Lux with IR
<b>Infrared lighting</b>	0 Lux / 30 LED's (30 m)
<b>Image improvements</b>	ROI, BLC, HLC, DWDR, 3D-NR, AGC, MD, Privacy Masking
<b>Day / Night</b>	Removable mechanical ICR filter
<b>Internal memory</b>	MicroSD card, Max 64 GB
<b>Alarms</b>	No
<b>Audio</b>	No
<b>Network interface</b>	Ethernet 10/100 BaseT
<b>Remote access</b>	Web browser, Smartphone App IVMS4500 and PC Software IVMS4200
<b>Interoperability</b>	ONVIF, PSIA, CGI, ISAPI
<b>Power supply</b>	DC 12 V / 580 mA, PoE IEEE802.3af
<b>Degree of protection</b>	Weatherproof IP66, Anti-vandal IK10
<b>Temp. operation</b>	-30° C ~ +60° C
<b>Dimensions</b>	110 mm (D) x 82 (Ø) mm
<b>Weight</b>	500 g