

DS-2CD4201F-I2(S) 2MP Smart IP Bullet Camera



The 2MP series Smart cameras are able to capture high quality colored images. The DS-2CD4201F-I2(S) offers Full HD resolution with up to 25fps high frame rate, DWDR, Defog, 3D DNR and various Smart Features to meet a wide variety of applications.

smart IPC

DS-2CD4201F-I2(S) is Hikvision Smart IPC and features various Smart functions including:

Smart Detection

Intrusion Detection, Line Crossing Detection, Scene Change Detection, Audio Surge Detection, Audio Loss Detection, Defog Detection etc.

Smart Codec

Smart Recording with H.264, Low Bitrate, Low Latency, enhancement, Multistream, Rotate Mode, Edge Recording etc.

- 1/2" CMOS sensor
- 2MP real time
- Up to 25fps frame rate
- Slow shutter
- Digital WDR
- 3D DNR
- -S: Audio/Alarm IO
- Support 128GB on-board storage
- IP67
- DC12V/PoE



Key Features

Smart

- 2 behavior analysis, 4 exception detections.
- Smart recording: Support edge recording and dual
- Smart encoding: Support low bit rate; low latency; ROI enhance encoding

Image

- HD1920x1080@25fps
- Support rotate mode, suitable for environment as corridor.
- Code smoothness setting for different requirements of image quality and fluency.
- Support H.264/MJPEG video compression level; video quality configuration; support Basic/Profile H.264 encoding complexity.
- Multiple OSD color: Black & white; red; blue; Custom
- Digital WDR is supportable for backlight environment.
- Support defog, BLC, HLC.

System

- Support ONVIF (profile S/profile G), CGI, PSIA, ISAPI protocol.
- Support three streams, and Support 20 channels live view at the same time.
- Antithunder, anti-surge, anti-static IP67 protection level.

Interface

- Support standard 128 Micro SD/SDHC/SDXC card storage.
- Support 10M/100M Ethernet Port.
- Support Audio I/O, support dual channel stereo audio
- Support Alarm I/O
- Support CVBS analog output (4CIF resolution)

Security

- Support three level user authentication management, user and password authorization, IP address filtering and anonymous access.
- Support security certificate as HTTPS, SSH; support creating certificate.
- Basic and digest authentication is supportable in IE configuration
- Lock user login for over 5 times wrong username or password

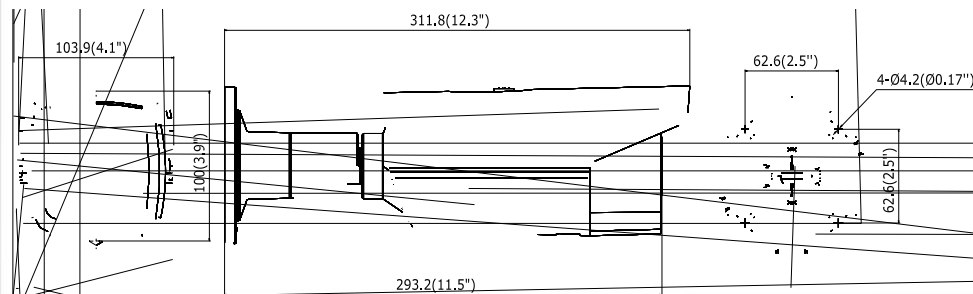
DS-2CD4201F-IZ(S) 2MP SmartIP Bullet Camera



Specification

Camera	
Image Sensor	1/2" CMOS
Min. Illumination	0.01 Lux @ (F1.2, AGC ON), 0.01 Lux @ (F1.4, AGC ON), 0 Lux with IR
Shutter Speed	1/3s ~ 1/100,000s
Slow Shutter	Support
Lens	2.812mm @ F1.4 13°~33.8°
Lens Mount	AF automatic focusing and motorized zoom lens
Autoiris	DC drive
Day & Night	IR cut filter with auto switch
WDR	DWDR
Compression Standard	
Video Compression	H.264/MJPEG
H.264 Type	Baseline Profile / Main Profile
Video Bit Rate	32 Kbps~8Mbps
Audio Compression	G.711/G.722.1/G.726/MP2L2
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.722.1) / 16Kbps(G.726)/32Kbps(MP2L2)
Image	
Max.Resolution	1920 × 1080
Frame Rate	50Hz:25fps (1920 × 1080) / (1280 × 960) / (1280 × 720) 60Hz:30fps (1920 × 1080) / (1280 × 960) / (1280 × 720)
Third Stream	Independent with Main Stream and Sub Stream, up to 50Hz:1fps (1920 × 1080) 60Hz:1fps (1920 × 1080)
Image Enhancement	BLI/3D DNR/ROI/Defog
Image Setting	Rotate Mode, Saturation, Brightness, Contrast, Sharpness adjustable by client software or web browser
Day/Night Switch	Auto/Schedule/Triggered by Alarm In
Picture Overlay	LOGO picture can be overlaid on video with 128x128 24bit bmp format
Network	
Network Storage	NAS (Support NFS,SMB/CIFS)
Alarm Trigger	Line crossing detection, Intrusion detection, scene change detection, audio exception detection, Dynamic analysis tampering alarm, Network disconnect, IP address conflict exception
Protocols	TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, TCP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour
Security	Onekey recovery, flash prevention, three streams, heartbeat, mirror, password protection, Watermark, IP address filter, Anonymous access
Standard	ONVIF(PROFILE S,PROFILE G),PSIA,CGI,ISAPI
Interface	
Audio(-S)	1-ch 3.5 mm audio Mic in/Line in/out interface
Communication Interface	1 RJ45 10M/100M Ethernet port, 1 RS485 interface
Alarm(-S)	1 input, 1 output (up to DC24V 1A or AC110V 500mA)
Video Output(s)	1Vp-p " V #
On-board storage	Built-in Micro SD/SDHC/SDXC slot, up to 128GB
Reset Button	Yes

Dimensions



Smart Feature-set

Behavior Analysis	Line crossing detection, Intrusion detection
Line Crossing Detection	Cross a predefined virtual line
Intrusion Detection	Enter and loiter in a predefined virtual region
Exception Detections	Scene change detection, Sudden audio increase/decrease detection, Audio loss detection

General

Protection Level	IP67
Operating Conditions	-30 °C ~ 60 °C (-22 °F ~ 140 °F), Humidity 95% or less (non-condensing)
Power Supply	12VDC ± 10%, PoE (802.3af)
IR Distance	30m
Power Consumption	12W MAX
Dimensions	100x103.9x311.8mm(3.94" x 4.09" x 12.28")
Weight	2000g(4.41lbs)

Order Models

DS-2CD4A20IZ, DS2CD4A20IZS