

AVer FD2020

Full HD 2M dome IP camera with IR LEDs



- 2-megapixel 1/2.5" CMOS sensor with vari-focal lens
- 1920 x 1080 at 30fps
- H.264 / MPEG-4 / MJPEG compression (tri-codec)
- Day / night capability via built-in mechanical ICR filter
- Wide operating temperature range (0°C ~ 45°C)

Application environment	
Indoor / Outdoor	Indoor
Weatherproof	-
Vandal-proof	-
Day / night control	Auto / Manual / Schedule
Camera image	
Sensor	1/2.5" CMOS
Min. illumination	Color: 1 lux @ F1.4 Black & White: 0.15 lux @ F1.4 0 lux @ F1.4 (IR LED on)
Built-in IR LEDs	Yes - Adjustable strength (Osram)
Built-in mechanical ICR	Yes
Auto iris	Yes
Lens	
Lens type	Vari-focal lens
F/no	F1.4
Focal length	F=2.8~12mm
Angle of view	97°(W) ~ 28.7°(T) (horizontal) 61.2°(W) ~ 21.6°(T) (vertical)
Video	
Compression	H.264 / MPEG-4 / MJPEG simultaneously
Max. resolution (H.264 / MJPEG)	Full HD (1920 x 1080)
Max. frame rate	H.264 / MPEG-4 up to 30 fps (1920 x 1080) MJPEG up to 30fps (1280 x 1024)
Streaming	H.264 / MPEG-4 / MJPEG
Multiple streams	Yes
WDR (Wide Dynamic Range)	True WDR
BLC (Backlight Compensation)	Yes
DNR (Digital Noise Reduction)	2D, 3D, dynamic
Image orientation	Mirror, Flip



Audio	
Audio encoder	G.711 / G.726/AAC audio compression
Audio streaming	2-way audio
Microphone	External input
Network	
Protocol	HTTP, HTTPS, TCP/IP (IPv4, IPv6), SMTP, QoS, FTP, SNMP(V1/V2c/V3), PPPoE, DHCP, DDNS, NTP, UPnP, 3GPP (video only), Samba, 802.1X
Ethernet	Ethernet (10/100 Base-T), RJ45 connector
Security	Password protection, IP address filtering, HTTPS encrypted data transmission
Users	Up to 10 users simultaneously
Alarm	
Trigger event	Mail, FTP, Save to memory card, relay, Samba
Interface	
Digital input / output	1 / 1
Built-in storage option	MicroSDHC / MicroSDXC card (64GB max.)
General	
Power supply	DC 12V / PoE
DC power consumption	5W (LED off) 13W (LED on)
PoE	PoE Class 3 (IEEE802.3at)
PoE power consumption	7W (IR LED off) 14W(IR LED on)
Dimensions	144.6 Ø x 113.4 H (mm)
Net weight	770g
Temperature and Humidity	0°C ~ 45°C, 20% ~ 90%
Other value added features	Quick Focus/ePTZ/ROI/IMD/Smart Stream
Certifications	EN50130-4 / CE / FCC
Software	
VMS	NXU Lite (free bundle up to 32CH)
Camera Web GUI supported languages	English, Bulgarian, French, German, Italian, Japanese, Czech, Danish, Dutch, Finnish, Greek, Hebrew, Hungarian, Norwegian, Romanian, Simplified Chinese, Polish, Portuguese, Russian Spanish, Slovak, Thai, Traditional Chinese, Arabic Turkish

