



## Key Features

- ❖ 1/3" 2.0 Megapixel Progressive Scan Sony Exmor Sensor
- ❖ H.264 & MJPEG dual-stream encoding
- ❖ Max 1~25/30fps @ 1080P/720P
- ❖ Dual encoding streams supported
- ❖ 2.8~12mm /F1.4 Manual lens
- ❖ Built-in 1/1 alarm in/out
- ❖ Max IR Distance :30m
- ❖ True Day/Night ICR
- ❖ True WDR 120dB
- ❖ Micro SD memory, IK10, PoE
- ❖ Built-in Web server, NVR, CMS



## Technical Specification

Model	SCM-VDM020VFIR-WD85DP
Product Name	2.0 Megapixel WDR, Varifocal, Water-Proof, Vandal-Proof, IR Network Dome Camera
<b>General</b>	
Operating System	Embedded LINUX
Resource	Simultaneous remote monitoring, local recording and remote control
User Interface	WEB, CMS, NVR
<b>Camera</b>	
Image Sensor	1/3" 2.0Megapixel Progressive Scan Sony Exmor Sensor
Effective Pixels	1920(H) × 1080(V)
Electronic Shutter	1/5s to 1/50,000s
Mini. Illumination	Color:0.2Lux/F1.2 ; B/W:0.01Lux/F1.2 ; 0Lux/F1.2(IR on)
Signal Noise Ratio	>50dB
Day/Night Mode	Auto, dual IR-Cut filter
Gain Control	Auto/Manual
White Balance	Auto/Manual
WDR Dynamic Range	WDR(120dB)
Lens	2.8mm~12mm/F1.4Manual lens
Max IR Distance	30m
<b>Video</b>	
Video Compression	H.264/MJPEG Optional
H.264 Encode Type	H.264 Baseline / H.264 Main Profile / H.264 High Profile Optional
Video Bit Rate	Main Stream : 500Kbps~12Mbps
	Sub Stream : 100Kbps~6Mbps
Image Resolution	1080P(1920 × 1080) / 720P(1280 × 720) / D1(704 × 576/704 × 480)

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Video Format	PAL/NTSC
Audio	
Audio Compression	G.711a/G.711u/RAW_PCM Optional
Audio Bit Rate	G.711a (8kbps)/G.711u(8kbps)/RAW_PCM(16kbps)
Audio Input	1-Channel 3.5mm audio interface MIC IN/Line IN
Audio Output	1-Channel 3.5mm audio interface (line level,600Ω)
Network	
Ethernet	RJ-45 (10/100Base-T)
Network Protocol	IPv4/IPv6、RTSP/RTP/RTCP、TCP/UDP、HTTP、DHCP、DNS、FTP、DDNS、PPPoE、SMTP
Security	User Access Log, Password Protection, HTTPS Encryption, RTSP Authentication, IEEE 802.1x
ONVIF	ONVIF Ver.2.3
Remote Operation	Monitor, Playback, System setting, File download, Log information, Maintenance & Upgrade
Auxiliary Interface	
Reset Input	One Reset Button (Be effective after continues to hold down for 3 seconds)
Memory Slot	TF Card, Max 32GB
RS485	PTZ Control
Alarm Input	1-Channel input, Normally Open / Normally Close modes adjustable
Alarm Output	1-Channel output,, 120VAC 1A/24VDC 1A
Video Output	1Vp-p Composite Output (75Ω/BNC)
Environmental	
Power Supply	DC12V
Power Consumption	<10W
Operating Environment	-40°C ~ +60°C, Humidity less than 95% (Non-condensing)
Max IR Distance	30m
IP Grade	IP66
PoE	IEEE802.3af

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