





1.3MP IP Camera



	AVM302	AVM311	AVN320	AVM357A	AVM328D
					
Image Sensor	1/4" SONY CMOS	1/4" SONY CMOS	1/3" SONY CMOS	1/4" SONY CMOS	1/3" SONY CMOS
Lens Type	Fixed	Fixed	Fixed	Fixed	Fixed
Lens	f3.8mm / F1.5	f3.8mm / F1.5	f3.8mm / F1.5	f3.8mm / F1.5	f3.8mm / F1.5
Day & Night	-	-	Y	Y	Y
IR LED	-	-	1 unit (20m)	35 units (20m)	12 units (10m)
Min. Lux	0.1 Lux	1 Lux	1 Lux (IR off) 0 Lux (IR on)	0.1 Lux (IR off) 0 Lux (IR on)	0.1 Lux (IR off) 0 Lux (IR on)
Max. Resolution	1280x1024 (1.3MP / 30FPS)	1280x1024 (1.3MP / 30FPS)	1280x1024 (1.3MP / 30FPS)	1280x1024 (1.3MP / 30FPS)	1280x1024 (1.3MP / 30FPS)
Compression Type	H264 / MPEG4 / MJPEG	H264 / MPEG4 / MJPEG	H264 / MPEG4 / MJPEG	H264 / MPEG4 / MJPEG	H264 / MPEG4 / MJPEG
Multi-Stream	3 Streams	3 Streams	3 Streams	3 Streams	3 Streams
Power in	PoE DC12V	PoE DC12V	PoE DC12V	PoE DC12V	PoE DC12V
Audio in / out	1 in (built-in)	-	-	-	2 in (built-in, line-in) 1 out (line-out)
Alarm in / out	1 in 1 out	1 in 1 out	-	1 in 1 out	1 in 1 out
MicroSD Card Slot	Y	Y	-	-	Y
IP Rating	-	-	IP66	IP67	-
Vandal Proof	-	IK08	-	-	-
Temperature	0° ~ 40°C	0° ~ 40°C	-20° ~ 40°C	-20° ~ 40°C	0° ~ 40°C
WDR	-	-	-	-	-
Other	-	-	-	-	3-Axis

2MP IP Camera



	AVM401	AVM402	AVM403	AVN420	AVM457A
					
Image Sensor	1/2.9" SONY CMOS	1/2.9" SONY CMOS	1/2.9" SONY CMOS	1/2.9" SONY CMOS	1/2.9" SONY CMOS
Lens Type	Fixed	Fixed	Vari-Focal	Fixed	Fixed
Lens	f3.8mm / F1.5	f3.8mm / F1.5	f2.8 ~ f12mm / F1.4 ~ F2.8	f3.8mm / F1.5	f3.8mm / F1.5
Day & Night	-	Y	Y	Y	Y
IR LED	-	1unit (15m)	2 units (35m)	1unit (20m)	35 units (20m)
Min. Lux	1 Lux	0.1 Lux (IR off) 0 Lux (IR on)	0.1 Lux (IR off) 0 Lux (IR on)	1 Lux (IR off) 0 Lux (IR on)	1 Lux (IR off) 0 Lux (IR on)
Max. Resolution	1920x1080 (2MP / 30FPS)	1920x1080 (2MP / 30FPS)	1920x1080 (2MP / 30FPS)	1920x1080 (2MP / 30FPS)	1920x1080 (2MP / 30FPS)
Compression Type	H264 / MJPEG	H264 / MJPEG	H264 / MJPEG	H264 / MPEG4 / MJPEG	H264 / MPEG4 / MJPEG
Multi-Stream	3 Streams	3 Streams	3 Streams	4 Streams	4 Streams
Power in	PoE DC12V	PoE DC12V	PoE DC12V	PoE DC12V	PoE DC12V
Audio in / out	-	1 in (line-in) 1 out (line-out)	-	-	-
Alarm in / out	1 in 1 out	1 in 1 out	1 in 1 out	-	1 in 1 out
MicroSD Card Slot	Y	Y	Y	-	-
IP Rating	-	-	IP66	IP66	IP67
Vandal Proof	IK08	-	-	-	-
Temperature	0° ~ 40°C	0° ~ 40°C	-20° ~ 50°C	-20° ~ 40°C	-20° ~ 40°C
WDR	DWDR	DWDR	DWDR	-	-
Other	Crystal Image	Crystal Image 3-Axis	Crystal Image	-	-

2MP WDR IP Camera








	AVM837	AVM565A	AVM571F	AVM583F / 583H	AVM839
Image Sensor	1/2.8" SONY CMOS	1/2.8" SONY CMOS	1/2.8" SONY CMOS	1/2.8" SONY CMOS	1/2.8" SONY CMOS
Lens Type	Vari-Focal	Vari-Focal (motor)	Vari-Focal (motor)	Vari-Focal (motor)	Fixed
Lens	f2.8 ~ f12mm / F1.4 ~ F2.8	f5.0 ~ f50mm / F2.0 ~ F2.8	f5.0 ~ f50mm / F2.0 ~ F2.8	f4.7 ~ f94mm / F1.6 ~ F3.5	f3.8mm / F1.5
Day & Night	Y	Y	-	-	Y
IR LED	2 units (35m)	3 units (60m)	-	-	1 unit (15m)
Min. Lux	0.1 Lux (IR off) 0 Lux (IR on)	0.1 Lux (IR off) 0 Lux (IR on)	0.1 Lux	0.1 Lux	0.1 Lux (IR off) 0 Lux (IR on)
Max. Resolution	1920x1080 (2MP / 30FPS)	1920x1080 (2MP / 30FPS)	1920x1080 (2MP / 30FPS)	1920x1080 (2MP / 30FPS)	1920x1080 (2MP / 30FPS)
Compression Type	H264 / MJPEG	H264 / MJPEG	H264 / MJPEG	H264 / MJPEG	H264 / MJPEG
Multi-Stream	4 Streams	4 Streams	4 Streams	4 Streams	4 Streams
Power in	PoE DC12V	PoE DC12V	PoE DC12V	PoE DC12V	PoE DC12V
Audio in / out	-	-	1 in (line-in) 1 out (line-out)	1 in (line-in) 1 out (line-out)	1 in (line-in) 1 out (line-out)
Alarm in / out	1 in 1 out	1 in 1 out	1 in 1 out	1 in 1 out	1 in 1 out
MicroSD Card Slot	Y	-	-	Y	Y
IP Rating	IP66	IP67	IP66	IP66	-
Vandal Proof	-	-	-	-	-
Temperature	-20° ~ 50°C / -40° ~ 50°C	-20° ~ 50°C	-20° ~ 50°C	-20° ~ 50°C / -40° ~ 50°C	0° ~ 40°C
WDR	Y (120dB)	DWDR	Y (120dB)	Y (120dB)	Y (120dB)
Other	Heater Version Optional	Crystal Image Auto Focus	Auto Focus Joystick Control	Auto Focus Joystick Control H = Heater Version	Motorized pan

1.3MP IP Camera

PUSH VIDEO

AVN803EZ	AVN815EZ	AVM807C	AVM808A	WC0022
1/4" SONY H.R sensor	1/4" SONY H.R sensor	1/3" SONY CMOS	1/3" SONY CMOS	1/3" image sensor
Fixed	Fixed	Fixed	Fixed	Fixed
f3.8mm / F1.5	f3.8mm / F1.5	f3.8mm / F1.5	f3.8mm / F1.5	f3.8mm / F1.5
-	Y	Y	Y	Y
-	1 white LED (10m)	35 units (20m)	12 units (10m)	1 white LED (10m)
0.1 Lux	0.1 Lux (IR off) 0 Lux (IR on)	0.1 Lux (IR off) 0 Lux (IR on)	0.1 Lux (IR off) 0 Lux (IR on)	0.1 Lux (IR off) 0 Lux (IR on)
1280x1024 (1.3MP / 30FPS)	1280x1024 (1.3MP / 30FPS)	1280x1024 (1.3MP / 30FPS)	1280x1024 (1.3MP / 30FPS)	1280x1024 (1.3MP / 30FPS)
H264 / MPEG4 / MJPEG	H264 / MPEG4 / MJPEG	H264 / MPEG4 / MJPEG	H264 / MPEG4 / MJPEG	H264 / MPEG4 / MJPEG
3 Streams	3 Streams	3 Streams	3 Streams	3 Streams
DC 12V	DC 12V	PoE DC12V	PoE DC12V	DC 5V
1 in (built-in)	1 in (built-in) 1 out (built-in)	-	2 in (built-in, line-in) 1 out (line-out)	1 in (built-in) 1 out (built-in)
1 in 1 out	1 in 1 out	1 in 1 out	1 in 1 out	1 in 1 out
Y	Y	Y	Y	Y
-	-	IP67	-	-
-	-	-	-	-
0° ~ 40°C	0° ~ 40°C	-20° ~ 40°C	0° ~ 40°C	0° ~ 40°C
-	-	-	-	-
EZ Networking Push Video	EZ Networking Push Video Wireless	Push Video	Push Video 3-Axis	Push Video

4~16CH NVR

	AVH0401	AVH308EA	AVH316	AVH317	AVH516A
					
Channel Number	4CH	8CH	16CH	16CH	16CH
Video Output	HDMI	HDMI	HDMI & VGA	HDMI & VGA	HDMI
PoE built-in	PoE x 4	PoN x 8	-	-	-
Audio out	Y	Y	Y	Y	Y
HDD Storage	4TB x1	4TB x1	4TB x2	4TB x2	4TB x3
eSATA	Y	Y	Y	Y	Y
Max. Record Performance	120IPS @ 1920x1080	240IPS @ 1280x720 120IPS @ 1920x1080	240IPS @ 1280x720 120IPS @ 1920x1080	240IPS @ 1280x720 120IPS @ 1920x1080	480IPS @ 1920x1080
Throughput	48Mbps	48Mbps	48Mbps	48Mbps	120Mbps
Compatibility	AVTECH ONVIF	AVTECH ONVIF	AVTECH ONVIF	AVTECH ONVIF	AVTECH ONVIF
Recording Type	Manual Record Event Record Schedule Record	Manual Record Event Record Schedule Record	Manual Record Event Record Schedule Record	Manual Record Event Record Schedule Record	Manual Record Event Record Schedule Record
Power in	DC 48V 12.6W (without HDD and PoE connected)	DC 48V 12.6W (without HDD and PoE connected)	DC 12V 9.6W (without HDD)	DC 12V 9.6W (without HDD)	DC 19V 17.5W (without HDD)
Dimension	345mm (L) x 225mm (W) x 68.3mm(H)	345mm (L) x 225mm (W) x 68.3mm (H)	375mm (L) x 264mm (W) x 68mm (H)	375mm (L) x 264mm (W) x 68mm (H)	326mm (L) x 432mm (W) x 90mm (H)
Temperature	10° ~ 40°C	10° ~ 40°C	10° ~ 40°C	10° ~ 40°C	10° ~ 40°C
Other	Push Video Push Status	Push Video Push Status	Support CMS Push Status	Support CMS Push Video Push Status	Support CMS

App & PC Software

	Software Type	Channel Number	Address Book	List Search & Playback	Time Search & Playback	Remote Video Backup	Push Video	Push Status
EagleEyes - Plus+	 App for Android phone & tablet	1CH on Android phone 4CH on Android tablet	200	Y	Y	Y	Y	Y
EagleEyes - Lite+	 App for Android phone & tablet	1CH on Android phone 4CH on Android tablet	4	Y	-	-	Y	Y
EagleEyes - Plus	 App for iPhone	1CH	200	Y	Y	Y	Y	Y
EagleEyes - Lite	 App for iPhone	1CH	4	Y	-	-	Y	Y
EagleEyesHD - Plus	 App for iPad	16CH	200	Y	Y	Y	Y	Y
EagleEyesHD - Lite	 App for iPad	4CH	4	Y	-	-	Y	Y
Video Viewer	 Software on Windows	16CH	Unlimited	Y	Y	Y	-	-
Video Viewer	 Software on Mac	16CH	Unlimited	Y	Y	Y	-	-



Client-server Mode

Client-server mode available to manage larger system with multiple computers.

Multiple monitor display

Supports up to 8-monitor display and able to define purposes of each monitor.

Large Camera Management No

Manages up to 65535 cameras.

Speed Dome Joystick Control

96CH Live Monitor

Supports each monitor up to 96CH live display (Advanced Version Only)

e-Map Live Monitor

Supports multi-layered maps with camera location on it for intuitive management.

Event Pop-out Monitor

When an event occurs, the event monitor pops up the channel immediately with live display. Up to 4CH event pop-ups are supported. To see event playback with pre-alarm recording, click on the pop-up again.

Health Check Monitor

Shows the status of your PC, such as CPU usage, RAM usage, network upload/download speed, in the control panel for loading check.

Smart Search

Smart Search allows users to search motion events in a selected area of a camera image. (Advanced Version Only)

Video Playback

Plays video footage up to 4 channels simultaneously

	<p>PoC (power-over-coaxial) is the technology to transfer both power and video signals via one coaxial cable per camera. No need to replace existing coaxial cables with network cables for HD IP system upgrade projects.</p>
	<p>1 FOS NVR shall be worked with 7 NVRs to take over the works when any of the NVR is down. Users could be notified of this take-over event by checking the health check on CMS, and take necessary actions.</p>
	<p>Continuous recording to the micro SD card of IP cameras when the NVR and IP cameras are disconnected. When the NVR and IP cameras are re-connected, the recordings saved in the microSD cards will transfer to the NVR and save in the hard disks without changing the original recording time.</p>
	<p>Multicast supported to enhance the transmission efficiency among all NVRs and the CMS. More efficient for users located in different secondary control rooms to quickly get what they want to see without video lag.</p>
	<p>Push Video series features powerful mobile surveillance, especially active event notification systems with video playback on iPhone, iPad, and other Android devices. You'll be able to receive notifications within 5 seconds right after the event occurrence, and to see what happened. Push Video series keeps an eye on your properties and never gets asleep.</p>
	<p>Active notifications of all abnormal system events for their surveillance systems (such as video loss, system being unlocked, no hard disk, etc.) to users' smart phones.</p>
	<ul style="list-style-type: none"> • Simple network configurations in three steps (Plug & Play) • Easy setup and maintenance as CCTV products