



## KEY FEATURES

- Full Metal Housing
- Motorized Lens 2.7-13.5mm
- Up to 3840×2160@30fps
- S+265/H.265/H.264/M-JPEG
- Min. illumination Color: 0.002Lux@F1.6
- Smart IR, IR Range: 50m
- Support Human/Vehicle Classification
- Built-in Mic, audio I/O 1/1, alarm I/O 2/1
- Operating Conditions -35C~65C, 0~95% RH
- DC12V,POE
- IP66,IK10



## 8MP Starlight Motorized IR Dome Camera

AFV-PD8AM-MVFAI

Pro Series

## SPECIFICATIONS

Camera	
Image Sensor	1/2.8"
Signal System	PAL/NTSC
Min. Illumination	Color:0.002Lux@(F1.6, AGC ON),B/W:0Lux with IR
Shutter Time	1s to 1/100,000s
Day & Night	Dual IR Cut Filter with Auto Switch
WDR	120dB

Lens	
Lens Type	Motorized
Focal Length	2.7mm~13.5mm
Lens Mount	14
Aperture Range	F1.6
Field of View	Horizontal field of view: 106.7°~31.5°; Vertical field of view: 57.3°~17.8°; Diagonal field of view: 130.9°~34.8°



### Illuminator

IR LEDs	18
IR Distance	Up to 50m
Wavelength	850nm
White LEDs	N/A

### Network

ANR	Yes
Protocols	HTTP,HTTPS,TCP/IP,UDP,SMTP,802.1X,QoS,IPv4,IPv6,PPPOE,SSH,Unicast,Multicast,RTCP,ARP
System Compatibility	onvif Profile S/T/G/CGI;MILSTONE
Remote Connection	2
Client	Easy7,EasyLive Plus
Web	IE,Firefox,Edge,Safari,Chrome

### Interface

Communication Interface	1 RJ45 10M/ 100M self adaptive Ethernet port
Audio I/O	1/1
Alarm I/O	2/1
Built-in Mic	Yes
Built-In Speaker	N/A
Reset Button	Yes
On-board storage	Built-in MicroSD card slot, up to 512GB

### Compression Standard

Video Compression	S+ 265/H.264B/H.264M/H.264H/Motion JPEG
Video Bit Rate	32kbps~16Mbps
Audio Compression	G.711A/G.711U/ADPCM_D/AAC_LC
Audio Sampling Rate	8kHz/32kHz/48kHz

### Feature

Alarm Trigger	Voltage Alarm,Disk Full, Disk R/W Error,IP Address Conflict,MAC Address Conflict,FTP Server Exception ,Event Input, Event Output,Motion Detection,Mask Alarm
Video Analytics	Human/Vehide Classification, Tripwire,Double Tripwire, Perimeter,Object Lost, Heatmap,Loitering,

### General

Web Client Language	18 languages English, Russian,Spanish, Korean, Italian,Turkish, Simple Chinese,Traditional Chinese,Thai,French, Polish,Dutch,Hebrew, Arabic,Vietnamese, German,Ukrainian, Portuguese
Operating Conditions	-35C~65C,0~95%RH
Power Supply	POE(802.3af)
Power Consumption	≤8W
Protection	IP66,IK10
Heater	N/A
Boundary Dimensions	143mmx143mmx124mm
Package Dimensions	245mmx175mmx164mm
GrossWeight	1.16kg
NetWeight	0.88kg



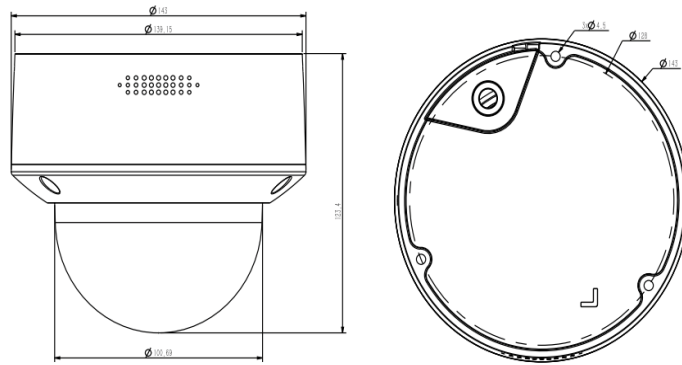
Image	
Max. Resolution	3840x2160
Main Stream	PAL:25fps(3840x2160, 3072x2048,2560x1440, 2304x1296,1920x1080, 1280x720)  NTSC:30fps(3840x2160, 3072x2048,2560x1440, 2304x1296,1920x1080, 1280x720)
Sub Stream	PAL:25fps(704x576, 704x288,352x288, 640x360)  NTSC:30fps(704x480, 704x240,352x240, 640x360)
Third Stream	PAL:25fps(704x576, 704x288,352x288, 640x480)  NTSC:30fps(704x480, 704x240,352x240, 640x360)
Image Setting	Saturation,brightness, contrast,sharpness, adjustableby client software or web browser
Image Enhancement	BLC/3D DNR/HLC/AGC
ROI	Yes,8 regions
OSD	16*16/32*32/48*48/ 64*64/96*96,adaptable size, Letters Such as Week, Date,Time,Total 5 Regions
Picture Overlay	Yes
Privacy Mask	Yes,4 regions
Defog	Yes

\* Listed resolutions are only selectable options. It does not mean that all streams can work at their maximum resolution at the same time.



## AVAILABLE MODEL AFV-PD8AM-MVFAI

### DIMENSIONS (Unit: mm)



### ACCESSORIES



A28  
Wall Mount



TC-P54BM Spec: V3  
Junction Box



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