AFM-VD10M2

2 Megapixel Night Vision Indoor Dome IP Camera

High Power LED's enables better night vision performance Compact slim design with quick & easy installation mechanism









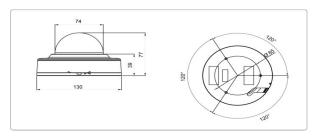




Key Features

- *2 Mega pixel 1/2.8" SONY progressive scan CMOS image sensor for excellent image quality (Exmor)
- *4mm Wide angle Megapixel Board Lens
- *20M IR Beam Distance (4 Built-in High Power LED's)
- Multi Streaming of H.264 and MJPEG
- *Supports image resolution up to 1920x1080 (FHD)
- *Full HD (1920x1080:1080p) Max. 30fps
- *Supports CBR and CVBR modes
- *Controllable frame rate
- * Privacy Masking up to 8 areas
- *Supports WDR, Defog, 2D+3DNR, Smart IR
- *Digital PTZ
- *Tool-Free 3-Axis
- * 12VDC/ IEEE802.3af POE
- * Conformant with ONVIF (Profile-S)
- *Includes Windows based IP Installer and license-free 16 channel NVR(Network Video Recorder) software
- *1 Port Analog Video Output (CVBS)

Dimensions (Unit:mm)



IP Night Vision – Indoor Dome

Specifications

CVBR/CBR in H.264	MODEL	AFM-VD10M2
Flash 128 Mbyte 128 Mby	System	
SDRAM 128 Mbyte Camera		32-bit ARM9 RISC CPU up to 432MHz
Camera Image sensor 2.0 Megapixel 1/2.8" SONY progressive scan CMOS(Exmor) Total Pixels Effective Pixels 1952(H) x 1116(V) 2.18 Megapixel Effective Pixels 1944(H) x 1104(V) 2.15 Megapixel S/N Ratio More than 50dB Min. Illumination 0 Lux (IR On) IR Distance 20M (4 Built-in Power LED's) Day & Night ICR Lens 4.0mm Wide angle Megapixel Board Lens Video Video Video Compression H.264 High Profile@4.0, MJPEG-Image quality: 3 Steps Resolutions Up to 1920 x 1080 (Full HD) Frame rate H.264 Up to 30fps with 1920x1080 MJPEG Up to 30fps with VGA resolution Video streaming Support multi stream with H.264, MJPEG, Adjustable frame r CVBR/CBR in H.264 Pan/Tilt/Zoom Digital PTZ Day & Night Auto Exposure Privacy Mask WDR(Low/Middle/High) > 120dB Defog(On/Off), Smart IR (Off / 0-15) 30NR(On/Off) Effect - Color, Sharpness, Mirror/V-Flip, etc. Output CVBS : 1.0 Vp-p / 75Ω composite Alarm In/Out In: 1, Out: 1 Audio (optional)	Flash	128 Mbyte
Image sensor 2.0 Megapixel 1/2.8" SONY progressive scan CMOS(Exmor) Total Pixels 1952(H) x 1116(V) 2.18 Megapixel Effective Pixels 1944(H) x 1104(V) 2.15 Megapixel S/N Ratio More than 50dB Min. Illumination 0 Lux (IR On) IR Distance 20M (4 Built-in Power LED's) Day & Night ICR Lens 4.0mm Wide angle Megapixel Board Lens Video Video compression H.264 High Profile@4.0, MJPEG-Image quality: 3 Steps Resolutions Up to 1920 x 1080 (Full HD) Frame rate H.264 Up to 30fps with 1920x1080 MJPEG Up to 30fps with VGA resolution Video streaming Support multi stream with H.264, MJPEG, Adjustable frame r CVBR/CBR in H.264 Pan/Titt/Zoom Digital PTZ Day & Night Auto White Balance Auto Exposure Privacy Mask WDR(Low/Middle/High) > 120dB Defog(On/Off), Smart IR (Off / 0−15) 30NR(On/Off) Effect - Color, Sharpness, Mirror/V-Flip, etc. CVBS : 1.0 Vp-p / 75Ω composite Alarm In/Out In: 1, Out: 1 Audio (optional) Audio Streaming One Way Audio (Microphone Input/ 1x Live-in (Single mono)) Audio Compression System Integration Security Password Protection, User access log, HTTPS encryption HTTP, HTTPS, FTP, SMTP, UpnP, DNS, DDNS, NTP, RT RTP, TCP, UDP, ICMP, DHCP Intelligent video Motion detection up to 1920x1080 with 4x3 blocks Alarm events File upload via ftp, E-mail, Notification via email, FTP and TCF Video buffer SMB pre-alarm and 180 sec (max) post-alarm Firmware upgrade Remote upgrade via network API CGI Interface document, ActiveX Interface(ocx(dll) + document Physical Power Consumption Max. 6W with IR Next Weight 280g (Camera only) LED's Power, Network Connection Dimension 130mm(Dia.) x77mm General Operating Temperature -10 degree -50 degree Celsius(14F~122F)	SDRAM	128 Mbyte
Total Pixels 1952(H) x 1116(V) 2.18 Megapixel	Camera	•
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Effective Pixels		
S/N Ratio Min. Illumination IR Distance Day & Night Lens 4.0mm Wide angle Megapixel Board Lens Video Video Video Video ompression Resolutions Up to 1920 x 1080 (Full HD) Frame rate H.264 High Profile@4.0, MJPEG-Image quality: 3 Steps Resolutions Up to 1920 x 1080 (Full HD) Frame rate H.264 Up to 30fps with 1920x1080 MJPEG Up to 30fps with VGA resolution Video streaming Video (Video streaming) Video streaming Video (Video streaming) Video streaming Video (Video streaming) Video streaming Video (Video streaming) Video streaming Vi	Effective Pixels	1944(H) x 1104(V) 2.15 Megapixel
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Day & Night Lens 4.0mm Wide angle Megapixel Board Lens	Min. Illumination	0 Lux (IR On)
Video Video Video compression H.264 High Profile@4.0, MJPEG-Image quality: 3 Steps Resolutions Up to 1920 x 1080 (Full HD) Frame rate H.264 Up to 30fps with 1920x1080 MJPEG Up to 30fps with VGA resolution Video streaming Support multi stream with H.264, MJPEG, Adjustable frame r CVBR/CBR in H.264 Pan/Titl/Zoom Digital PTZ Day & Night Auto Exposure Auto Exposure Privacy Mask WDR(Low/Middle/High) > 120dB Defog(On/Off), Smart IR (Off / 0~15) 3DNR(On/Off) Effect - Color, Sharpness, Mirror/V-Flip, etc. Output CVBS : 1.0 Vp-p / 75Ω composite Alarm In/Out In: 1, Out: 1 Audio (optional) Audio Streaming One Way Audio (Microphone Input/ 1x Live-in (Single mono)) Audio Compression G.711 System Integration Security Scurity Password Protection, User access log, HTTPS encryption Supported protocol HTTP, HTTPS, FTP, SMTP, UPnP, DNS, DDNS, NTP, RT RTP, TCP, UDP, ICMP, DHCP Intelligent video Alarm events File upload via ftp, E-mail, Notification via email, FTP and TCF <td>IR Distance</td> <td>20M (4 Built-in Power LED's)</td>	IR Distance	20M (4 Built-in Power LED's)
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Resolutions	Video	
Resolutions	Video compression	H.264 High Profile@4.0, MJPEG-Image quality: 3 Steps
Frame rate		
MJPEG Up to 30fps with VGA resolution		H.264 Up to 30fps with 1920x1080
Support multi stream with H.264, MJPEG, Adjustable frame of CVBR/CBR in H.264		
Pan/Tilt/Zoom Digital PTZ	Video streaming	Support multi stream with H.264, MJPEG, Adjustable frame rate,
Day & Night Auto White Balance Auto Exposure Privacy Mask WDR(Low/Middle/High) > 120dB Defog(On/Off), Smart IR (Off / 0~15) 3DNR(On/Off) Effect - Color, Sharpness, Mirror/V-Flip, etc. CVBS : 1.0 Vp-p / 75Ω composite In: 1, Out: 1 Audio (optional) Audio Streaming One Way Audio (Microphone Input/ 1x Live-in (Single mono)) Audio Compression G.711 System Integration Security Password Protection, User access log, HTTPS encryption Supported protocol HTTP, HTTPS, FTP, SMTP, UPnP, DNS, DDNS, NTP, RT RTP, TCP, UDP, ICMP, DHCP Intelligent video Motion detection up to 1920x1080 with 4x3 blocks Alarm events File upload via ftp, E-mail, Notification via email, FTP and TCF Video buffer SMB pre-alarm and 180 sec (max) post-alarm Firmware upgrade Remote upgrade via network API CGI Interface document, ActiveX Interface(ocx(dll) + documenthysical CGI Interface documenthysical CGI Interface documenthysical Power Source DC12V/1.5A, PoE(Power over Ethernethysical S02.3af-Optional Storage Micro SD Slot (Built-in) Power Consumption Max. 6W with IR Net Weight 280g (Camera only) LED's Power, Network Connection Dimension 130mm(Dia.) x77mm General Operating Temperature -10 degree~50 degree Celsius(14F~122F) Documentical Control Cont	Pan/Tilt/Zoom	
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Intelligent video Motion detection up to 1920x1080 with 4x3 blocks Alarm events File upload via ftp, E-mail, Notification via email, FTP and TCF Video buffer 5MB pre-alarm and 180 sec (max) post-alarm Firmware upgrade Remote upgrade via network API CGI Interface document, ActiveX Interface(ocx(dll) + document Physical Power Source DC12V/1.5A, PoE(Power over Ethernet): 802.3af-Optional Storage Micro SD Slot (Built-in) Power Consumption Max. 6W with IR Net Weight 280g (Camera only) LED's Power, Network Connection Dimension 130mm(Dia.) x77mm General Operating Temperature -10 degree~50 degree Celsius(14F~122F)	Capportoa protocor	
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		-10 degree~50 degree Celsius(1/F~122F)
Storage Temperature -20 degree Celsius(-4F~140F)		-20 degree~50 degree Celsius(-4F~140F)
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Software Included Software		NIVD C/C (46 Channel) ID Installat (Aliadama anti-)
Included Software NVR C/S (16 Channel), IP Installer (Windows only) * Specifications are subject to change without prior notice.		

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