



AM-S2016-VM

Full HD 2.0 Megapixel VARI FOCAL DOME IP CAMERA

Features :

- 1/2.8" CMOS Exmor Image Sensor with 2.0 Mega Pixel
- Full HD Resolution with 1920(H) x 1080(V)
- True & Soft Day/Night for all 24/7 Surveillance mode
- Triplex Compression Streaming H.264, MPEG4, MJPEG for Network, Record, Image
- Selectable Three or Dual or Single Streaming Combination For simultaneously Operation
- Powered through Power over Ethernet(PoE) with IEEE 802.3af Standard
- Compliant with ONVIF 2.0 on May, 2012
- "Common Gateway Information API for 3rd party intrigration CMS/VAS/NVR "
- Low illumination 0.3Lux(Color), 0.03Lux(B/W)
- Wide Very Focal 3.3 to 10MM Mega Pixel Auto IRIS Lens
- Noise Reduction by SNF & TNF
- Supported Local Storage by Micro SD(up to 32G), USB Slot for Wireless Application(Future Expansion Optional)
- Compatible with AVTRON Free Software Live up to 36CH with 16CH Playback Support
- Built in Multicast Streaming by that Large number of User can log on with Sensible Video Quality
- Wide Range Supported Network Protocol TCP/IP, UDP, RTP, RTSP, NTP, HTTP,DHCP, FTP, SMTP, DNS, DDNS
- Flexible & Selectable Video Stream Control by VBR & CBR
- Support Bi-Directional(Two-Way) Audio Communication (G.711/AAC)
- OSD Menu Control BY Confrigration Menu
- Support Mirror Function with Horizontal, Vertical Direction
- Adjustable Exposure Mode Auto/Flicker/ Manual, Sense-Up
- Support Email Notification, FTP Upload, Composite Video Output
- Easy, Fast & User Friendly GUI CMS & Network Discovery BY UPnP
- Multi User Support with Software Access Level Control with Password Protection
- 3rd party System intrigration by RS485/Sensor/Relay
- 8 Zone Arbitrary rect.Areas Motion Detection,BLC, Privacy Masking, Camera ID & etc
- Dual Power Support by 12V DC & POE
- 3 Axis Bracket, ABS Plastic with illustration Dome Cover



Specifications :

| | |
|--------------------------------|---|
| Model No. | AM-S2016-VM |
| Camera Specification | |
| Sensor Type | 1/2.8" pixel CMOS ExMor Sensor |
| Effective Pixels | Effective Max Pixel 2.35M with 1936(H) x 1217(V) |
| Lux Level(illumination) | 0.3Lux @ Color, 0.03 Lux @ B/W @ F1.3 |
| Shutter Speed Control | AUTO 1/30s-1/12,000s |
| Gain Control(AGC) | Low/MID/HIGH/HIGH Plus |
| Lens | 3.3 ~ 10mm DC Auto IRIS |
| White Balance | Auto/ATC/Fixed/Manual |
| On Screen Display | |
| Day/Night | Auto / Color / BW |
| Digital Noise Reduction | Off/SNF/TNF/SNF+TNF |
| Sens-Up | up to 8X |
| Back Light Compensation(BLC) | Off/Low/Mid/High |
| Camera ID Name | On/Off |
| Privacy Masking | On/Off (max.10 areas, 6 colors) |
| OSD Menu Control | Yes |
| Mirror | Off/H/V/H+V |
| Motion Detection | 8 subjective rect. Areas |
| Image Control | Brightness, Contrast, Sharpness, Saturation |
| Compression/Video/Audio | |
| Video Compression | H.264 / MPEG4 / MJPEG |
| Video Resolution | Max. 1920x1080, 1280x1024, 1280x960, 1600x900, 1024x760, 1280x720, 800x600, 720x480, 640x480 |
| Record & Live Frame rate | Selectable 1 ~ 30fps |
| Rate control | VBR/CBR, I-Frame interval |
| Bit Rate | 32Kbps ~ 8MBPS |
| Streaming | Single or dual or Triple configured by H.264, MPEG4 and MJPEG |
| Video output | Composite by RCA Socket(Analog) / RJ-45 |

Specifications :

| | |
|------------------------------|---|
| Signal System | PAL/NTSC/Analog RGB Selectable |
| Audio Compression | G.711u(64kbps), AAC(128kbps) |
| Audio Connection | Line in / Line out (Stereo JACK) |
| Communication | Bi-directional |
| Software Intrigration | |
| Onvif | YES, V2.0 |
| CMS Record | CAMMANAGER 36CH Record @ up to 2.0 M Resolution |
| CMS Playback | 16CH Playback Support |
| 3rd Party VMS/NVR /CMS | BY Onvif V2.0 / CGI |
| Event Trigger | BY Motion detection, Alarm Port |
| Event Handing | On-screen alerts/Mail/FTP/Configurable alert sound/Record |
| Event Recording | Pre-record (3sec.)/Post-record (30sec.) |
| FTP Upload | YES |
| EMAIL Notifiacion | YES |
| Memory & Storage | |
| DDR RAM | 256MB |
| FLASH RAM | 64MB |
| Storage | Micro SD Slot(32GB Max.) |
| Network | |
| Connection | RJ-45 Ethernet |
| Protocol | TCP/IP, UDP, RTP, RTSP, NTP, HTTP, DHCP, FTP, SMTP, DNS, DDNS |
| Streaming | Unicast, Multicast |
| Access control | Access levels with password protection |
| DDNS | Yes(dyndns) |
| Network discovery | UPnP |
| LAN Connectivity | 10/100 Based-T |
| Interface | |
| RS-485 | Yes |
| Sensor | 1 x Sensor Input |
| Alarm | 1x Alarm Output(Relay) |
| General | |

Specifications :

| | |
|-----------------------|------------------------------|
| Power Supply | PoE, IEEE802.3af & DC 12V |
| Power Consumption | <420 mA |
| Operating Temperature | -10°C ~ + 50°C |
| Operating Humidity | 30% ~ 90% RH |
| Mechanical | |
| Weight (g) | 530g Approx. |
| Mechanism | 3 Axis, Metal Bracket |
| Dome | Optical Corrected Dome Cover |

* Product specifications and appearance may be changed without prior notice due to improvements.



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