














| | AVM302B | AVM303A | AVN305A | AVM311 | AVM365B | AVM359C |
|-------------------|---|---|--|---|---|---|
| |  |  |  |  |  |  |
| Image Sensor | 1/3" SONY CMOS | | | 1/4" SONY CMOS | 1/3" SONY CMOS | |
| Lens Type | Fixed | | | | | Vari-Focal |
| Lens | f3.8mm / F1.5 | | f3.8mm / F1.5 f2.8mm / F1.8 | f3.8mm / F1.5 | | f2.8 ~ f12mm / F1.4 ~ F2.8 |
| Day & Night | - | Y | Y | - | Y | Y |
| IR LED | - | 1 unit (15m) | 14units (20m) | - | 56 units (25m) | 2 units (35m) |
| Min. Lux | 0.1 Lux | 0.1 Lux (IR off) 0 Lux (IR on) | 0.1 Lux (IR off) 0 Lux (IR on) | 1 Lux | 0.1 Lux (IR off) 0 Lux (IR on) | 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) | 1280x1024 (1.3MP / 30FPS) |
| Compression Type | H264 / MPEG4 / MJPEG | H264 / M PEG4 / 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 | 3 Streams |
| Power in | PoE DC12V | 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 | 1 in 1 out |
| MicroSD Card Slot | Y | Y | - | Y | - | Y |
| IP Rating | - | - | IP66 | - | IP67 | IP66 |
| Vandal Proof | - | - | - | IK08 | - | - |
| Temperature | 0° ~ 40°C | 0° ~ 40°C | -25° ~ 50°C | 0° ~ 40°C | -25° ~50°C | -25° ~50°C |
| WDR | - | - | - | - | - | - |
| Other | - | Motorized pan | - | - | - | Heater (Optional) |

2MP IP Camera


| | AVM400B | AVM401 | AVM402 | AVM411 | AVM420U | AVM420U-NWIR | AVM403J |
|-------------------|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |
| Image Sensor | 1/2.9" SONY CMOS | | | | | | |
| Lens Type | CS-Mount | Fixed | | | | | Vari-Focal |
| Lens | - | f3.8mm / F1.5 f2.8mm / F1.8 (Optional) | f3.8mm / F1.5 | f3.8mm / F1.5 f2.8mm / F1.8 (Optional) | f2.8mm / F1.8 | f3.8mm / F1.5 | f2.8 ~ f12mm / F1.4 ~ F2.8 |
| Day & Night | Y | - | Y | - | Y | Y | Y |
| IR LED | - | - | New IR 1 unit (15m) | - | 14 units (20m) | New IR 2 units (30m) | Solid Light 2 units (35m) |
| Min. Lux | 1 Lux / F1.5 | 1 Lux | 0.1 Lux (IR off) 0 Lux (IR on) | 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) |
| Max. Resolution | 1920x1080 (2MP / 30FPS) | | | | | | |
| Compression Type | H.264 / MPEG4 / MJPEG | H264 / MJPEG | | H264 / MPEG4 / MJPEG | H264 / MPEG4 / MJPEG | H264 / MPEG4 / MJPEG | H264 / MJPEG |
| Multi-Stream | 4 Streams | 4 Streams | 4 Streams | 4 Streams | 4 Streams | 4 Streams | 4 Streams |
| Power in | PoE DC12V | PoE DC12V | PoE DC12V | PoE DC12V | PoE DC12V | PoE DC12V | PoE DC12V |
| Audio in / out | 2 in (built-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 | - | 1 in 1 out |
| MicroSD Card Slot | Y | Y | Y | Y | - | - | Y |
| IP Rating | - | - | - | - | IP66 | IP66 | IP66 |
| Vandal Proof | - | IK08 | - | IK08 | - | - | - |
| Temperature | 0° ~ 40°C | 0° ~ 40°C | 0° ~ 40°C | 0° ~ 40°C | -25° ~ 50°C | -25° ~ 50°C | -25° ~ 50°C |
| WDR | - | DWDR | DWDR | - | - | - | DWDR |
| Other | - | Crystal Image | Crystal Image 3-Axis PIR | - | - | - | Crystal Image |









2MP D-WDR IP Camera Series


| AVM2200T | AVM2220T | AVM2421 | AVM2451T | AVM2432T | AVM2452T | AVM2453 |
|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |
| 1/2.7" CMOS | | 1/2.9" SONY CMOS | | | | |
| Fixed | | | | Vari-Focal | | |
| f3.8mm / F1.5 | | f3.8mm / F1.5 f2.8mm / F1.8 (Optional) | | f2.8 ~ 12mm / F1.4 ~ F2.8 | | |
| Y | Y | Y | Y | Y | Y | Y |
| 12 units (10m) | 12 units (10m) | New IR 1 Unit (10m) | 36 Units (20m) | 24 units (25m) | 36 units (30m) | Solid Light 2 units (35m) |
| 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) | 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) |
| 1920x1080 (2MP / 30FPS) | | | | | | |
| H264 / MJPEG | H264 / MJPEG | H264 / MJPEG | H264 / MJPEG | H264 / MJPEG | H264 / MJPEG | H264 / MJPEG |
| 2 Streams | 2 Streams | 4 Streams | 4 Streams | 4 Streams | 4 Streams | 4 Streams |
| PoE DC12V | PoE DC12V | PoE DC12V | PoE DC12V | PoE DC12V | PoE DC12V | PoE DC12V |
| - | - | 2 in (built-in, line-in) 1 out (line-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) | 1 in (line-in) 1 out (line-out) |
| 1 in 1 out | 1 in 1 out | 1 in 1 out | 1 in 1 out | 1 in 1 out | 1 in 1 out | 1 in 1 out |
| - | - | Y | - | - | Y | Y |
| IP66 | IP66 | - | IP67 | IP66 | IP66 | IP66 |
| - | - | - | - | - | - | - |
| -25° ~ 50°C | -25° ~ 50°C | 0° ~ 40°C | -25° ~ 50°C | -25° ~ 50°C | -25° ~ 50°C | -25° ~ 50°C |
| DWDR | DWDR | DWDR | DWDR | DWDR | DWDR | DWDR |
| - | - | 3-Axis PIR | - | - | - | - |

| | AVM500A | AVM503 | AVM511 | AVM521B | AVM532F | AVM542F / FH | AVM552J | AVM543 | AVM553J | AVM561E / J | AVM565AH | AVM565J | AVM571F | AVM583G / GH | AVZ592 / 593 | |
|-------------------|---|---|---|---|---|---|--|---|---|---|---|---|---|---|--|-----------------------------|
| |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| Image Sensor | 1/2.8" SONY CMOS | | | | | | | | | | | | | | | |
| Lens Type | CS-Mount | Fixed | | | Vari-Focal | | | Vari-Focal (Motorized) | | | | | 10X PTZ | 20X PTZ | 20X PTZ | 30X PTZ |
| Lens | - | f3.8mm / F1.5 | f3.8mm / F1.5 f2.8mm / F1.8 (Optional) | f3.8mm / F1.5 | f2.8 ~ f12mm / F1.4 ~ F2.8 | | | | | f5.0 ~ f50mm / F2.0 ~ F2.8 | | | | f4.7 ~ f94mm / F1.6 ~ F3.5 | | f4.5 ~ f135mm / F1.6 ~ F4.4 |
| Day & Night | Y | Y | - | Y | Y | Y | Y | Y | Y | Y | Y | Y | - | - | Y | |
| IR LED | - | 1 unit (15m) | - | 1 unit (15m) | 2 units (30m) | 3 units (50m) | 2 units (35m) | 3 units (50m) | 2 units (35m) | 3 units (60m) | 3 units (60m) | 3 units (60m) | - | - | Solid Light 8 units (200m) | |
| Min. Lux | 1 Lux / F1.5 | 0.1 Lux (IR off) 0 Lux (IR on) | 1 Lux | 0.1 Lux (IR off) 0 Lux (IR on) | 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) | 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) | 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) | 1920x1080 (2MP / 30FPS) | 1920x1080 (2MP / 30FPS) | 1920x1080 (2MP / 30FPS) | 1920x1080 (2MP / 30FPS) | 1920x1080 (2MP / 30FPS) | 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 | H264 / MJPEG | H264 / MJPEG | H264 / MJPEG | H264 / MJPEG | H264 / MJPEG | H264 / MJPEG | H264 / MJPEG | H264 / MJPEG | H264 / MJPEG | H264 / MJPEG | |
| Multi-Stream | 4 Streams | 4 Streams | 4 Streams | 4 Streams | 4 Streams | 4 Streams | 4 Streams | 4 Streams | 4 Streams | 4 Streams | 4 Streams | 4 Streams | 4 Streams | 4 Streams | 4 Streams | |
| Power in | PoE DC12V | PoE DC12V | PoE DC12V | PoE DC12V | PoE DC12V | PoE DC12V | PoE DC12V | PoE DC12V | PoE DC12V | PoE DC12V | PoE DC12V | PoE DC12V | PoE DC12V | PoE DC12V | DC19V / AC24V | |
| Audio in / out | 2 in (built-in, line-in) 1 out (line-out) | 1 in (line-in) 1 out (line-out) | - | 2 in (built-in, line-in) 1 out (line-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) | 1 in (line-in) 1 out (line-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) (AVM561J only) | - | 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 | 2 in 2 out | 1 in 1 out | 1 in 1 out | 1 in 1 out | 1 in 1 out | 1 in 1 out | 1 in 1 out | 1 in 1 out | 1 in 1 out | 1 in 1 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 | Y | Y | Y | Y | Y | Y | Y (AVM561J only) | - | - | - | Y | Y | |
| IP Rating | - | - | - | - | IP66 | IP66 | IP66 | IP66 | IP66 | IP67 | IP67 | IP67 | IP67 | IP67 | IP66 | |
| Vandal Proof | - | - | IK08 | - | IK08 | IK10 | - | IK10 | - | - | - | - | - | - | - | |
| Temperature | 0° ~ 40°C | 0° ~ 40°C | 0° ~ 40°C | 0° ~ 40°C | -25° ~ 50°C | -25° ~ 50°C / -40° ~ 50°C | -25° ~ 50°C | -25° ~ 50°C | -25° ~ 50°C | -25° ~ 50°C | -25° ~ 50°C | -25° ~ 50°C / -40° ~ 50°C | -25° ~ 50°C | -25° ~ 50°C | -25° ~ 50°C | -25° ~ 50°C |
| WDR | Y (120dB) | Y (120dB) | Y (120dB) | Y (120dB) | Y (120dB) | Y (120dB) | Y (120dB) | Y (120dB) | Y (120dB) | Y (120dB) | DWDR | DWDR | Y (120dB) | Y (120dB) | Y (120dB) | |
| Other | RS485 | Motorized pan | - | 3-Axis | - | 3-Axis H = Heater Version | Heater (Optional) | 3-Axis | Heater (Optional) | Auto Focus Heater (Optional) | Crystal Image Auto Focus H = Heater Version | Crystal Image Auto Focus | Auto Focus Joystick Control | Auto Focus Joystick Control H = Heater Version | Auto Focus Joystick Control Heater (Optional) RS485 AHD / TVI / IP / Tribrid | |

| | AVM3650L | *AVM3421 | AVM3452T | AVM3432T | *AVM3443 | *AVM3453 | *AVM3445 | *AVM3455 | *AVM3465 | *AVM3492 |
|-------------------|---|---|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |  |  |  |
| Max. Resolution | 2048 x 1536 (3MP / 30FPS) | | | | | | | | | |
| Image Sensor | 1/3" CMOS | 1/2.8" SONY CMOS | | | | | | | | |
| Lens Type | Fixed | | Vari-Focal | | | | Vari-Focal (Motorized) | | | 20X PTZ |
| Lens | f3.6mm / F1.8 | f2.8mm / F1.5 | f2.8 ~ 12mm / F1.4 ~ F2.8 | f2.8 ~ 12mm / F1.4 ~ F2.8 | f2.8 ~ 12mm / F1.4 ~ F2.8 | f2.8 ~ 12mm / F1.4 ~ F2.8 | f2.8 ~ 12mm / F1.4 ~ F2.8 | f2.8 ~ 12mm / F1.4 ~ F2.8 | f2.8 ~ 12mm / F1.4 ~ F2.8 | f4.7 ~ f94mm / F1.6 ~ F3.5 |
| Day & Night | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| IR LED | 36 units (30m) | New IR 1 unit (15m) | 36 units (30m) | 24 units (20m) | Solid Light 3 units (50m) | Solid Light 2 units (35m) | Solid Light 3 units (50m) | Solid Light 2 units (35m) | Solid Light 3 units (60m) | New IR 8 units (200m) |
| Min. 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) | 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) | 0.1 Lux (IR off) 0 Lux (IR on) | 0.1 Lux (IR off) 0 Lux (IR on) |
| Compression Type | H264 / MJPEG | H264 / MJPEG | H264 / MJPEG | H264 / MJPEG | H264 / MJPEG | H264 / MJPEG | H264 / MJPEG | H264 / MJPEG | H264 / MJPEG | H264 / MJPEG |
| Multi-Stream | 4 Streams | 4 Streams | 4 Streams | 4 Streams | 4 Streams | 4 Streams | 4 Streams | 4 Streams | 4 Streams | 4 Streams |
| Power in | PoE DC 12V | PoE DC 12V | PoE DC 12V | PoE DC 12V | PoE DC 12V | PoE DC 12V | PoE DC 12V | PoE DC 12V | PoE DC 12V | DC 19V / AC24V |
| 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) | 1 in (line-in) 1 out (line-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) | 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 | 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 | - | Y | Y | Y | Y | Y | Y |
| IP Rating | IP66 | - | IP66 | IP66 | IP66 | IP66 | IP66 | IP66 | IP67 | IP66 |
| Vandal Proof | - | - | - | - | IK10 | - | IK10 | - | - | - |
| Temperature | -25° ~ 50°C | 0° ~ 40°C | -25°C ~ 50°C | -20°C ~ 40°C | -25° ~ 50°C | -25° ~ 50°C | -25° ~ 50°C | -25° ~ 50°C | -25° ~ 50°C | -25° ~ 50°C |
| WDR | DWDR | DWDR | DWDR | DWDR | DWDR | DWDR | DWDR | DWDR | DWDR | DWDR |
| Other | - | PIR 3-Axis | - | - | 3-Axis | - | 3-Axis | - | Auto Focus | Auto Focus Joystick Control RS485 |

4~16CH NVR


| | AVH304EA | AVH0401B | AVH800EA6 | AVH308EB | AVH408P | AVH315 | AVH316 | AVH317 |
|-------------------------|---|---|---|---|---|--|---|---|
| |  |  |  |  |  |  |  |  |
| Channel Number | 4CH | | 6CH | 8CH | | 16CH | | |
| Video Output | HDMI | | | | | | HDMI & VGA | |
| PoE built-in | PoE x 4 | PoN x 4 | - | PoN x 8 | PoE x 8 | - | - | - |
| Audio out | Y (HDMI) | Y (HDMI) | Y | Y (HDMI) | Y (HDMI) | Y (HDMI) | Y (HDMI) | Y (HDMI) |
| HDD Storage* | SATA built-in x 1 | SATA built-in x 1 | SATA built-in x 1 | SATA built-in x 2 | SATA built-in x 2 | SATA built-in x 2 | SATA built-in x 2 | SATA built-in x 2 |
| eSATA | Y | Y | Y | Y | Y | Y | Y | Y |
| Max. Record Performance | 1920 x 1080 @ 120 IPS | 1920 x 1080 @ 120 IPS | 1280 x 720 @ 180 IPS 1920 x 1080 @ 120 IPS | 1280 x 720 @ 240 IPS 1920 x 1080 @ 120 IPS | 1280 x 720 @ 240 IPS 1920 x 1080 @ 120 IPS | 1280 x 720 @ 240 IPS | 1280 x 720 @ 240 IPS 1920 x 1080 @ 120 IPS | 1280 x 720 @ 240 IPS 1920 x 1080 @ 120 IPS |
| Throughput | 48Mbps | 48Mbps | 48Mbps | 48Mbps | 48Mbps | 48Mbps | 48Mbps | 48Mbps |
| Compatibility | AVTECH ONVIF 2.2 | AVTECH ONVIF 2.2 | AVTECH ONVIF 2.2 | AVTECH ONVIF 2.2 | AVTECH ONVIF 2.2 | AVTECH ONVIF 2.2 | AVTECH ONVIF 2.2 | AVTECH ONVIF 2.2 |
| 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 | 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 7.68W (without HDD and PoE connected) | DC 12V 9.6W (without HDD) | 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 12V 9.6W (without HDD) |
| Dimension | 345mm (L) x 225mm (W) x 68.3mm(H) | 345mm (L) x 225mm (W) x 68.3mm(H) | 197mm (L) x 197mm (W) x 36mm (H) | 375mm (L) x 264.8mm (W) x 68mm (H) | 375mm (L) x 264.8mm (W) x 68mm (H) | 375mm (L) x 264mm (W) x 68mm (H) | 375mm (L) x 264mm (W) x 68mm (H) | 375mm (L) x 264mm (W) x 68mm (H) |
| Temperature | 10° ~ 40°C | 10° ~ 40°C | 10° ~ 40°C | 10° ~ 40°C | 10° ~ 40°C | 10° ~ 40°C | 10° ~ 40°C | 10° ~ 40°C |
| Other | Push Video Push Status | Push Status | Support CMS Push Video Push Status | Push Video Push Status | Support CMS Push Video Push Status | Push Status | Support CMS Push Status | Support CMS Push Video Push Status |

4~64CH NVR


| AVH504P | AVH516B | AVH516A+ | AVH364 | **AVH564 |
|---|---|--|---|--|
|  |  |  |  | <div>Coming Soon</div>  |
| 4CH | 16CH | | 64CH | |
| HDMI | | | | |
| PoE x 4 | - | - | - | - |
| Y (HDMI) | Y | Y | Y (HDMI) | Y (HDMI) |
| SATA built-in x 2 | SATA built-in x 3 | SATA built-in x 10 | SATA built-in x 10 | SATA built-in x 45 |
| Y | Y | Y | Y | - |
| 1920 x 1080 @ 120 IPS | 1920 x 1080 @ 480 IPS 1280 x 720 @ 480 IPS | 1920 x 1080 @ 480 IPS 1280 x 720 @ 480 IPS | 1920 x 1080 @ 480 IPS 1280 x 720 @ 960 IPS | 1920 x 1080 @ 1920 IPS 1280 x 720 @ 1920 IPS |
| 48Mbps | 120Mbps | 120Mbps | 192Mbps | 480Mbps |
| AVTECH ONVIF 2.2 | AVTECH ONVIF 2.2 | AVTECH ONVIF 2.2 | AVTECH ONVIF 2.2 | AVTECH ONVIF 2.2 |
| 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 |
| DC 48V 12.6W (without HDD and PoE connected) | DC 19V 17.5W (without HDD) | DC 19.5V x 2 28.5W x2 (Dual Power) | DC 19V 55.1W (without HDD) | AC 110V x 2 850W x 2 (Dual Power) |
| 345mm (L) x 225mm (W) x 68.3mm(H) | 326mm (L) x 432mm (W) x 90mm (H) | 325mm (L) x 281mm (W) x 138mm (H) | 325mm (L) x 281mm (W) x 138mm (H) | 830mm (L) x 446mm (W) x 175mm (H) |
| 10° ~ 40°C | 10° ~ 40°C | 10° ~ 40°C | 10° ~ 40°C | 10° ~ 40°C |
| Support CMS Push Video Push Status | Support CMS Push Status | Support CMS Disk Array Built in (RAID5) Power Redundancy Seamless Record Smart Search Push Status | Support CMS Push Status Push Video | Support CMS Disk Array Built in (RAID5) Power Redundancy Seamless Record Smart Search |

* The capacity of one SATA HDD is up to 4TB. ** Made by order. The lead time is long. Please contact your sales representative to discuss more details.

Zoom Lens with AF

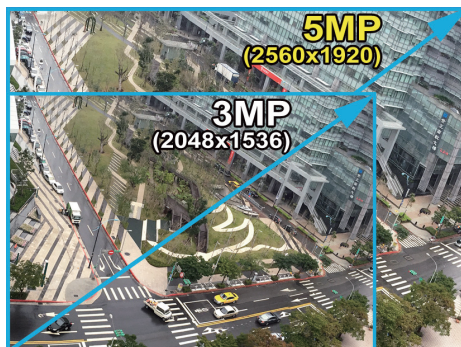
Equipped with a motorized zoom lens, this camera series eliminates the need to adjust focal length and focus manually on site. Installers could adjust camera focus and focal length remotely from the recorder or the mobile app, EagleEyes.



Superb 3MP / 5MP IP Solution

To get superb image resolution and quality, the newly-launched 3MP / 5MP IP solution has all you can expect. It supports H.264 and MPEG4 compression formats, and delivers 30fps@3MP / 15fps@5MP resolution for live display and recording.

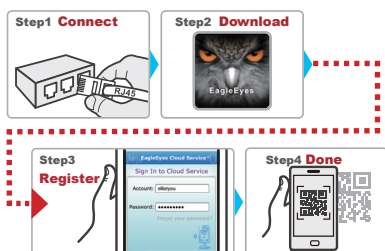
AVTECH 3MP / 5MP IP cameras are capable of local recording to save a few event footages, but they might be overwritten soon because of the small storage capacity. To save more 3MP / 5MP security footages for later use, you can connect the cameras to AVTECH 3MP / 5MP NVR.



Cloud EaZy Networking

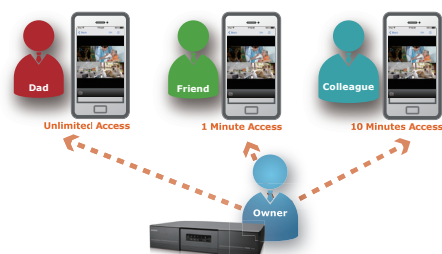
Plug & Play

EaZy Networking is developed for AVTECH products (NVR / DVR / IP cameras) to simplify network configurations by just a few steps.



Buddy

You can easily share your EaZy Networking account and classify your Buddy to many levels to access your cloud device separately.



Push Video - Real-time Event Notification

Every time PUSH VIDEO solution detects an event, our NVR will immediately send an event notification to your mobile device within five seconds, and meanwhile, EagleEyes, the mobile surveillance app will be activated automatically for remote video playback.



Multi-Platform Support



Easy PTZ Control with CMS

To remotely control AVTECH IP speed dome camera, you can connect a USB joystick to the PC with our CMS program (Lite / Standard / Pro) installed to move the camera. No NVR is needed to send the control commands. In addition to CMS, you can also make PTZ control via our mobile app, EagleEyes.



WDR (Wide Dynamic Range)

With WDR, the AVTECH IP solution is especially suitable for overexposure and dark areas to increase image recognizability. It's always easy to tell who and what's there.



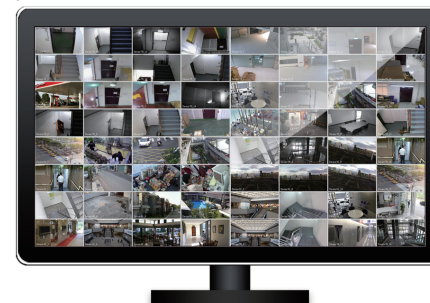
With WDR

Without WDR

Multiple Channels Recording up to 64CH

For multiple channels monitoring and recording, AVH564 and AVH364 are designed as a 64CH NVR to use. In addition to the huge storage capacity to save video data, they can also connect to an external disk array to get more storage capacity and build a RAID5 system for data safety if necessary.

64CH TV WALL



64CH Recorder



AVH364
- 4TB * 10 HDDs



AVH564
- 4TB * 45 HDDs
- Disk array built-in

HDMI Output
Built-in

Accessories

| | HDM02 | AVX931B | AVX912R/T | AVX916R/T | AVX912R6 | AVX913R6 | AVX102 | AVX919 Coming Soon | AVX992 | AVX993 | AVX997 |
|--------------|---|---|--|--|---|--|---|---|--|---|--|
| Product Name | HDMI Matrix | Video Server | EoC converter (Ethernet over Coaxial) | HoC converter (HDMI over coaxial) | PoC converter (PoC x 6, Giga port x 2) | PoN converter (PoN x 6, Giga port x 2) | Joystick | Standalone CMS | 10-bay Disk Array (eSATA) | 10-bay Disk Array (mini SAS / Used for AVH364 only) | 10-bay Disk Array with RAID5 mechanism (eSATA) |
| Power in | DC 12V | DC 12V | DC 12V (for each) | DC 5V (for each) | DC 48V | DC 48V | - | DC 19V | DC 19V | DC 19V | DC 19V |
| Description | Users could combine the displays of up to 4 HDMI devices (including NVR and DVR) into one monitor and control all four devices with one mouse, providing the most economic way to have a 64CH surveillance solution as an alternative to use a PC-based CMS software. | This video server could turn a traditional analog camera into a network camera. It also supports local video recording when a microSD card (up to 64GB) is inserted to this device. Push Video supported to get alarm events immediately on iOS and Android devices. MicroSD card support (up to 64GB) for video storage. | This converter is used to easily upgrade your CCTV camera to a megapixel IP camera with existing coaxial cabling. This converter allows signals to transmit over coaxial cables up to 400m(5C2V)@22Mbps. | This converter is used to extend the Full HD transmission distance up to 70 meters with a RG-6 coaxial cable. Also, the control signals from the USB mouse / keyboard, and IR remote control are able to be transferred. | This PoC (power-over-coaxial) converter supports power/ data to max. 6 PoC IP cameras through coaxial cables, and the distance between each camera to this device can be up to 200 meters with power supplied or 300 meters without power supplied. | This PoN (power-over-network) converter supports 48V DC power supply to IP cameras through network cables, and the distance between an IP camera and this device could reach up to 100 meters. | This joystick is used with AVTECH CMS "Trident" to make basic control of PTZ cameras. | Different from PC-based CMS, This standalone CMS is designed to eliminate the need of software installing on PC. You don't need to worry about the compability issue, and also the setup is easy. | This 10-bay disk array is designed for DVR and NVR to save video data. | This 10-bay disk array is designed especially to use with AVH364 for video storage. It uses mini SAS for data transmission. | This 10-bay disk array is designed for DVR and NVR to save video data. It also supports RAID5 system building to secure data safety. |



Client-server Mode

Client-server mode available to manage larger system with multiple computers. *(Pro version only)*

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. *(Pro 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. *(Pro version only)*

Video Playback

1CH video playback to check what happened.

| | Lite | STD | PRO |
|--------------------------------------|-----------------------------|----------------------------|----------|
| Video CH & device management ability | 64CH | 64CH | 1000+ CH |
| Client-server Mode | NA | | Yes |
| Multiple monitor display output | Single | 4 | 8 |
| Live View & Control | | | |
| Total Live Display CH Number | 24 | 64 | 96 |
| Video Record | | | |
| Total Record CH Number | 16 (up to 5MP) | 24 (up to 5MP) | |
| E-Map | | | |
| E-Map | NA | Yes | |
| Event Notification | NA | Yes | |
| Event Management | | | |
| Event Pop-up | NA | 1CH | 4CH |
| Health Check | | | |
| Push Status | E-Mail | | |
| Push Video | Yes (By AVTECH NVR / DVR) | | |
| Health Monitoring | NA | Yes | |
| Plug-in module support | | | |
| LPR Plug-in | NA | Yes | |
| POS Plug-in | NA | Yes | |
| Thermal Video Plug-in | NA | Yes | |
| IVA Lossing Object Plug-in | NA | Yes | |
| IVA Left Object Plug-in | NA | Yes | |
| IVA Virtual Fence Plug-in | NA | Yes | |
| IVA Face Detection Plug-in | NA | Yes | |
| Others | | | |
| Price | Free | Free during beta promotion | |
| Activation | By E-mail | | |
| ODM | YES (Charged by discussion) | | |

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