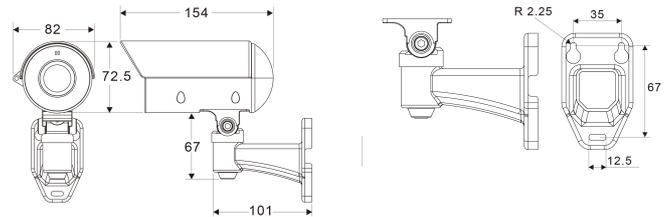# AHD705AX4.2 5MP Day & Night Vari-Focal IR Vandal Resistant Bullet Camera

www.meritlilin.com

- ▶ 5 megapixel CMOS image sensor
- ▶ Video without compression, no delay with high quality and real-time monitoring.
- ▶ 2D noise reduction
- ▶ DWDR function
- ▶ High efficiency IR LED, radiant distance up to 30m
- ▶ Day & Night (IR cut removable)
- ▶ Long transmission distance–Coaxial cable
- ▶ Seamless compatibility with the standard Analog equipment
- ▶ UTC function (AHD-Coaxial protocol) Video
- ▶ Output: AHD 5MP or CVBS 960H
- ▶ IP66 rain and dust resistant

Dimension

| Video performance | |
| --- | --- |
| Model | AHD705AX4.2 |
| Min. Illumination | Color : 0.08 Lux at F1.4<br>B/W : 0 Lux with IR LED ON |
| Live Video Output | AHD / CVBS / TVI / CVI |
| Resolution | 2,560(H) x 1,920(V) @20fps |

| Night vision (infrared LED) | |
| --- | --- |
| Focal Length | 2.8–12 mm (Manual Vari-focal) |
| Iris | F 1.4 |
| Iris Control | Fixed IRIS |
| Angle of View | 98.6°–34.9°(H) 73.4°–26.5°(V) 129.3°–43.7°(D) |
| Beam Spread | 60° |
| Peak Wavelength | 850nm |
| Radiant Distance | 30M |

| Sensor | |
| --- | --- |
| Pick Up Element | 1/2.5" CMOS Image Sensor |
| Effective Pixels | 2,608(H) x 1,952(V) |

| Environmental | |
| --- | --- |
| Starting Temperature | -10°C – +50°C (14°F – 122°F) |
| Operating Temperature | -40°C – +50°C (-40°F – 122°F) |
| Storage Temperature | -25°C – +60°C (-13°F – 140°F) |
| Humidity | 0% – 90% RH |

| Certification | |
| --- | --- |
| CE | YES |
| IP Rating | IP66 |

| Video functions | |
| --- | --- |
| Scanning System | Progressive Scan |
| Sync. Mode/ Synchronization | Internal |
| Infrared Cut Filter | Auto / Day (Color) / Night (Mono) / Ext |
| S/N Ratio | More than 55dB (AGC off) |
| 3D Noise Reduction | 2D DNR |
| 2D WDR | Off / On |
| UTC | UTC (AHD-Coaxial protocol Supported) |
| Auto Gain Control | Auto |
| White Balance | ATW / MANUAL |
| Electrical Shutter | 1/30(1/25)s – 1/60,000s : Auto |
| Back Light Compensation | Yes |

| Mechanical | |
| --- | --- |
| Dimension | Body: 82(W) × 72.5(H) × 154(D) mm, Bracket: 101(L) mm |
| Weight | 545g |
| Casing Material | Aluminum alloy |

| Power | |
| --- | --- |
| Power Supply | DC 12V±10% |
| Power Consumption | 7W |