# ACTIVX™
## by Microlink

## ANALOGUE HD

# AHD Large Fixed Bullet Camera
## 2MP/5MP Lite IR Fixed Bullet HD Camera

### 4 Signals over 1 Coaxial Cable

HD-over-Coax technology supports 4 signals to be transmitted over 1 coaxial cable simultaneously, i.e. video, audio*, data and power. Dual-way data transmission allows the HD-over-Coax camera to interact with the HCVR, such as sending control signal or triggering alarm. Moreover, HD-over-Coax technology supports PoC for construction flexibility.

### Long Distance Transmission

HD-over-Coax technology guarantees real-time transmission at long distance without any loss. It supports up to 800m(1080P)/1200m(720P) trans mission via coaxial cable, and up to 300m(1080P)/450m(720P) via UTP cable.

### Smart IR

The camera is designed with microcrystalline LED IR illumination for best lowlight performance. Smart IR is a technology to ensure brightness uniformity in B/W image under low illumination. The unique Smart IR adjusts to the intensity of camera's infrared LEDs to compensate for the distance of an object, and prevents IR LEDs from overexposing images as the object come closer to the camera.

### Multi-formats

The camera supports multiple video formats including HDCVI, CVBS and other two common HD analog formats in the market. The four formats can be switched over through OSD menu or by PFM820(UTC controller). This feature makes the camera to be compatible with not only HCVRs but also most end users' existing HD/SD DVRs.

## FEATURES

- Video Output Mode: AHD/TVI/CVI: 8M@15fps.
- 2.8/1"SONY Starvis Back-illuminated CMOS sensor.
- minimum Illumination：0.01Lux，Infrared Distance：40m.
- Support OSD Menu.
- Support WDR.
- Housing: Metal, IP67.

**HD** | **AI** | **H.+265 HEVC** | **WDR** | **IR** | **IP67**

## TECHNICAL SPECIFICATION

### CAMERA

| | AX-A-528LFBC (2MP) | AX-A828IR-LFBC (5MP) |
|---|---|---|
| Image Sensor | 2.8/1" SONY Starvis Back-illuminated CMOS sensor | |
| Image Resolution | 5M:4 1944*2592M:2 1440*2560M:1080*1920 | 8M:5 2160*3840M:1944*2592 4M:2 1440*2560M:1080*1920 |
| TV System | PAL/NTSC | |
| Electronic Shutter | AUTO | AUTO / MANUAL |
| Minimun Illumination | 0.005Lux | 0.01Lux |
| Scanning System | Progressive Scan | |
| Video Output Mode | AHD/TVI: 5M@20fps/12.5fps, 4M@30fps, 2M@30fps; CVI: 4M@30fps, 2M@30fps | AHD: 8M@15fps, 5M@20fps/12.5fps, 4MP@30fps/25fps/15fps; 2M@30fps/25fps; CVI: 8M@15fps/12.5fps, 4M/2M@30fps/25fps; TVI: 8M@15fps/12.5fps, 5M@20fps/12.5fps, 4M/2M@30fps/25fps |

### LENS

| | | |
|---|---|---|
| Focus Length | 6mm | |
| Focus Control | Fixed | |
| Lens Type | Fixed | |

### NIGHT VISION

| | | |
|---|---|---|
| Night Vision | YES | |
| Infrared LED | 42µ x 2PCS | |
| Infrared Distance | 40M | |
| IR Status | AGC Auto Control | |

### CAMERA FEATURES

| | | |
|---|---|---|
| Starlight | YES | N/A |
| Day/Night | YES/NO | YES |
| OSD Menu | YES | |
| WDR | YES | |
| UTC | YES | |
| Noise Reduction | AI-DNR | 3DNR |
| Coaxial Audio | N/A | |
| White Balance | AUTO / MANUAL | |
| Gain Control | AUTO | |

### GENERAL

| | | |
|---|---|---|
| Housing | Metal, IP67 | |
| Bracket | YES | |
| Operation Temperature | -10℃ ~ +60℃ RH%95 Max | |
| Storage Temperature | -20℃ ~ +60℃ RH%95 Max | |
| Power Source | DC12V750 ,%10±mA | |
| Dimension | 268(W) x 95(H) x 88(D)mm | |
| Weight | 1.5Kgs | |