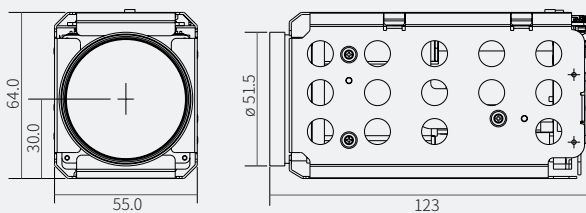


Zoom Camera

ATC-HZ7830T-LT

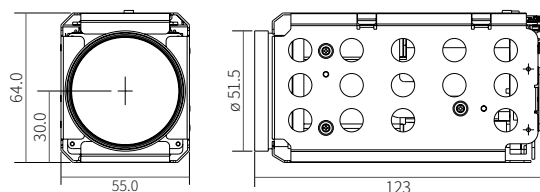
- 1/2.8" Progressive Scan CMOS
- 360x AF Zoom(30x optical zoom, 12x digital zoom)
- 1080p 60(50fps)
- Mechanical Day&Night
- True WDR
- 3D DNR, Defog
- UART RS232-TTL(Pleco-D, Pelco C, VISCA, Hitachi)



Zoom Camera

ATC-HZ7830T-LT

Dimensions



Specifications

| | | |
|------------------------------------|---|--|
| Image Sensor | 1/2.8" Progressive Scan CMOS | |
| Effective Pixels | 2.13MP 1945(H) x 1097(V) | |
| Video Output mode | Main : TVI/LVDS , Sub : HD-SDI/EX-SDI(V1.0)/CVBS | |
| Max. Video Resolution | HD-SDI/LVDS:1080p@60(50fps), EX-SDI/TVI:1080p@30(25fps) | |
| Synchronization system | Internal | |
| Min.Illumination | Day mode: 0.1Lux(F1.6) Night mode: 0.05Lux(F1.6/ IR-cut filter on) DSS OFF, AGC28dB | |
| S/N Rate | More than 52dB(AGC off, DSS off) | |
| Lens | Type | AF Optical zoom lens(DC Iris), IR Corrective |
| | Focal Length | f=4.3mm~129mm |
| | F-value | F1.6(W)~5.0(T) |
| | Angle of View | Horizontal 58.4°(W)~2.2°(T), Vertical 34.1°(W)~1.2°(T) |
| Zoom ratio | Optical 36x / Digital 12x | |
| Focus Min.Working Distance | 0.01m(Wide)/1.0m(Tele)~∞ | |
| Focus Control | Auto/Manual/Interval/One Shot/Preset | |
| AE mode | Auto/Shutter Priority/Iris Priority/Manual | |
| Brightness | 0~14 | |
| Manual Shutter | 1/1, 1/2, 1/4(3), 1/8(6), 1/15(12), 1/30(25), 1/60(50)~1/30000 | |
| Manual Iris | F1.6~F19, Close | |
| Sense-up | Off~32fields | |
| ETC | Spot AE, Slow AE | |
| D&N Mode | Auto/Day(Color)/Night(BW)/External-H or L | |
| White Balance | AUTO/ATW/Indoor/Outdoor/OnePush/Manual | |
| Image Freeze | Off/On | |
| Image Flip | Off/Horizontal/Vertical/H+V(180° Flip) | |
| Privacy Mask Zone | 16 Zones/14 mask color selectable, semi-transparency | |
| Digital Image Stabilization | Yes | |
| Motion Detection | 4 Zones | |

| | | |
|------------------------------|--|---|
| D-WDR | Off/Low/Middle/High | |
| WDR | Off/Low/Middle/High | |
| BLC | Off/On, Area selectable | |
| HLC | Off/0~20, Color selectable | |
| AGC | Max.58dB | |
| Sharpness | Adjustable(0~15) | |
| 3D-DNR | On/Off(1~5) | |
| 2D-DNR | Auto/Manual | |
| Defog | Off/Low/Middle/High | |
| Preset Position | 256 position Presets(Zoom,Focus), 16Memory Presets, Custom Preset | |
| Language | English,Japanese,Russian,Spanish,German,France, Portuguese,Chinese | |
| UART | Remote | RS232 TTL +5.0V(+3.3V compatible) |
| | Protocol | VISCA/Pelco-D/Pelco-P/Hitachi : Automatic detection |
| | Baud rate | 2400/4800/9600/19200/38400/57600/115200bps |
| UTC | TVI-UTC | |
| Supply Voltage | 12VDC(9V to 15VDC) | |
| Power Consumption | Max.5.0W / Non-working zoom&focus 3.0W | |
| Dimension(mm) | 50.0x58.8.0x90.5mm | |
| Weight | Approx.244g | |
| Operating Temperature | -10°C~+50°C, Humidity(20~80%) | |
| Storage Temperature | -20°C~+60°C, Humidity(20~95%) | |
| Support Video Output | - | |