

# Zoom Camera

# ATC-HZ8230Z-LTA

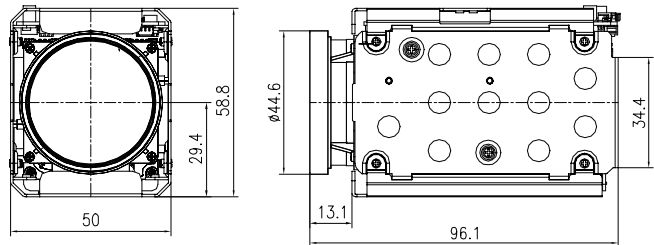


- 1/2.8" SONY Progressive Scan STARVIS CMOS
- 360x AF Zoom(30x optical zoom, 12x digital zoom)
- 1080p 60/50/30/25fps
- Mechanical Day&Night
- True WDR
- 3D DNR, Defog
- UART RS232-TTL(Pleco-D, Pelco C, VISCA, Hitachi)

# ATC-HZ8230Z-LTA



· Dimensions



## Specifications

|                                    |                      |                                                                                               |
|------------------------------------|----------------------|-----------------------------------------------------------------------------------------------|
| <b>Image Sensor</b>                |                      | 1/2.8" SONY Progressive Scan STARVIS CMOS                                                     |
| <b>Effective Pixels</b>            |                      | 2.13MP 1945(H) x 1097(V)                                                                      |
| <b>Video Output mode</b>           | <b>Common</b>        | HD-SDI/EX-SDI(V1.0)/EX-SDI(V2.0)/EX-SDI(V3.0)/CVBS                                            |
|                                    | <b>AVI/TVI/LVDS</b>  | TVI/AVI/LVDS                                                                                  |
| <b>Max. Video Resolution</b>       |                      | HD-SDI/LVDS:1080p@60(50fps), EX-SDI/TVI/AVI:1080p@30(25fps)                                   |
| <b>Synchronization system</b>      |                      | Internal                                                                                      |
| <b>Min.Illumination</b>            |                      | Day mode: 0.1Lux(F1.6)<br>Night mode: 0.05Lux(F1.6/ IR-cut filter on)<br>Sens-Up off, AGC45dB |
| <b>S/N Rate</b>                    |                      | More than 55dB(AGC off, Sens-Up off)                                                          |
| <b>Lens</b>                        | <b>Type</b>          | AF Optical zoom lens(DC Iris), IR Corrective                                                  |
|                                    | <b>Focal Length</b>  | f=5.0~150mm                                                                                   |
|                                    | <b>F-value</b>       | F1.6(W)~4.3(T)                                                                                |
|                                    | <b>Angle of View</b> | Horizontal 59.2°(W)~2.0°(T),<br>Vertical 33.8°(W)~1.15°(T)                                    |
| <b>Zoom ratio</b>                  |                      | Optical 30x / Digital 12x                                                                     |
| <b>Focus Min.Working Distance</b>  |                      | 0.1m(Wide)/1.5m(Tele)~∞                                                                       |
| <b>Focus Control</b>               |                      | Auto/Interval/One Push/Manual/Preset                                                          |
| <b>AE mode</b>                     |                      | Auto/Shutter Priority/Iris Priority/Manual                                                    |
| <b>Brightness</b>                  |                      | 0~14                                                                                          |
| <b>Manual Shutter</b>              |                      | 1/1, 1/2, 1/4(3), 1/8(6), 1/15(12), 1/30(25), 1/60(50)~1/30000                                |
| <b>Manual Iris</b>                 |                      | F1.6~F19, Close                                                                               |
| <b>Sense-up</b>                    |                      | Off~32fields                                                                                  |
| <b>ETC</b>                         |                      | Spot AE, Slow AE                                                                              |
| <b>D&amp;N Mode</b>                |                      | Auto/Day(Color)/Night(BW)/External-H or L                                                     |
| <b>White Balance</b>               |                      | AUTO/One Push/Indoor/Outdoor/ATW/Manual                                                       |
| <b>Image Freeze</b>                |                      | Off/On                                                                                        |
| <b>Image Flip</b>                  |                      | Off/Horizontal/Vertical/H+V(180°Flip)                                                         |
| <b>Privacy Mask Zone</b>           |                      | 8 Zones/14 mask color selectable                                                              |
| <b>Digital Image Stabilization</b> |                      | Yes                                                                                           |
| <b>Motion Detection</b>            |                      | 4 Zones                                                                                       |

|                              |                  |                                                                   |
|------------------------------|------------------|-------------------------------------------------------------------|
| <b>D-WDR</b>                 |                  | Off/Low/Middle/High                                               |
| <b>WDR</b>                   |                  | Off/On, Adjustable(Level:0~29, Contrast:0~5, Bright:0~19)         |
| <b>BLC</b>                   |                  | Off/On, Area selectable                                           |
| <b>HLC</b>                   |                  | Off/On, Area selectable                                           |
| <b>AGC</b>                   |                  | Max.58dB                                                          |
| <b>Sharpness</b>             |                  | Adjustable(0~15)                                                  |
| <b>3D-DNR</b>                |                  | On/Off(1~5)                                                       |
| <b>2D-DNR</b>                |                  | Auto/Manual                                                       |
| <b>Defog</b>                 |                  | Off/Low/Middle/High                                               |
| <b>Preset Position</b>       |                  | 256 position Presets(Zoom,Focus), 16Memory Presets, Custom Preset |
| <b>Language</b>              |                  | English,Japanese,Russian,Spanish,German, France,Portuguese        |
| <b>UART</b>                  | <b>Remote</b>    | RS232 TTL + 5.0V(+3.3V compatible)                                |
|                              | <b>Protocol</b>  | VISCA/Pelco-D/Pelco-P/Hitachi: Automatic detection                |
|                              | <b>Baud rate</b> | 2400/4800/9600/19200/38400/57600/115200bps                        |
| <b>UTC</b>                   |                  | TVI-UTC/AVI-UTC                                                   |
| <b>Supply Voltage</b>        |                  | 12VDC(9V to 15VDC)                                                |
| <b>Power Consumption</b>     |                  | Max.5.5W / Non-working zoom&focus 3.3W                            |
| <b>Dimension(mm)</b>         |                  | 50x58.8x96.1mm                                                    |
| <b>Weight</b>                |                  | Approx.241g                                                       |
| <b>Operating Temperature</b> |                  | -10°C~+50°C, Humidity(20~80%)                                     |
| <b>Storage Temperature</b>   |                  | -20°C~+60°C, Humidity(20~95%)                                     |