# ZAT650

## Explosion Proof PTZ Camera

### Certificate

| | |
|---|---|
| Certificate Mark | Exd Ⅱ C T6 GB/DIP A20 TA, T6 |
| Certificate No | CNEx13.3113 |
| Standards | Q/320412ZAF045-2013 |

### Mechanical

| | |
|---|---|
| Housing | Stainless steel 304 or 316L |
| IP | IP68 |
| Cable thread hole | 1pcs G3/4 or NPT3/4 |
| Wiper | yes |

### Electrical

| | |
|---|---|
| Voltage | AC85V～AC265V or DC24Vor AC24V |
| Power | 50W /70W (with thermostat) |

### Ambient

| | |
|---|---|
| Ambient temperature | -25 to +60℃ |
| Air pressure | 80Kpa to 106Kpa |
| Relative Humidity | ≦95% (no condensation) |

### Communication

| | |
|---|---|
| Communication | support analog video output |
| 485 Communication | Support Pelco-D, Pelco-P |
| Communicate Rate | 2400 to 19200bps |

### Pan & Tilt

| | |
|---|---|
| Horizontal | 360° |
| Horizontal speed | 0.1-45°/s |
| Vertical | -90 to +90° |
| Cruise Scan | Support |
| Keep watch | Support |
| Preset | 64/128/255/300 |
| Resume function | Support |
| Auto Cruise | Support |

| Auto Scan | Support |
|---|---|
| **Camera** | |
| Image Sensor | 1/3" interline-transfer CCD |
| Effective pixel | PAL 976*582 NTSC 976*494 |
| Min. Illumination | Color 0.04Lux   B/W: 0.004Lux |
| Shutter Time | 1/50(1/60) sec~ 1/10,000 sec |
| Day&Night | Auto ICR |
| Horizontal resolution | 700TVL (color), 720TVL (B&W) |
| S/N ratio | ＞50dB（AGC off） |
| **Lens** | |
| Focal Length | 4-92mm, 23X/or 3.3-119mm, 36X optical |
| Aperture Range | F1.5-F3.6  or F1.6-F4.4 |
| Angle of View | 49-2.2 degree(Wide-Tele) or 58-1.7 degree(Wide-Tele) |
| Min. Working Distance | 10mm-1500mm(Wide-Tele) |
| Zoom Speed | Approx. 3s(Optical, Wide-Tele) |
| **Control** | |
| Camera address | on/off （0-254） |
| Focus Mode | Auto/Manual/One touch |
| Gain | off/ lower/ higher |
| Slow shutter | X256 MAX |
| White Balance | Auto white balance 1/auto white balance 2/Manual/auto |
| Private | Off/ Mode 1/ Mode 2 |
| Video | 3D DNR, mirror, brightness, Contrast, Sharpness adjustab |
| Digital zoom | X16 |
| Zoom display | on/off |
| ZCF control mode | mode 1, mode 2 |
| RS485 | protocol, baud rate, address |
| Preset | 254 |
| **General** | |
| Cable | integrated cable |
| Size | 280*270*350.5mm |
| Weight | 19kg |
| Mounted | wall, pole |
| Wall bracket | ZAZ650B |

**Dimension**

280

350.5

270

⌀190

4-⌀11