

Features

- Heavy Duty Outdoor PTZ Camera
- 360° pan and tilt range (Auto Flip)
- Built-in High Power IR: Range up to 200ft
- 35x Optical Zoom / 12x Digital Zoom
- 1/4" CCD with 540 TV Lines Resolution
- Scheduled action setting (4 schedules)
- Electronic Image Stabilizer (EIS)
- Progressive Scan
- Wide-Dynamic Range (WDR)
- Aluminum-Alloy construction
- Day/Night Mode
- Wiper function
- Built-in multiple protocol
- OSD Menu
- Weather-Proof with IP66 rated housing



Specifications

Description

The Heavy Duty Outdoor Night Vision PTZ Camera that features 1/4" Sony CCD 540 TV Lines Resolution, Weather-Proof with IP66 rated housing. The BC2002/AT88-WDS is specially suited for surveillance applications involving low to no light applications. Included with this camera is a 360° pan and tilt range (Auto flip) , Built-in multiple protocol, Weather-Proof long range IR 200ft.. Other features include New Progressive Recording, Electronic Image Stabilizer, High-sensitivity F1.4 lens and Day/night switching.

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|-------------------------------|--|
| DSP Functions | DSP-7 |
| Digital Slow Shutter | Yes (SDRAM I/) w/o WDR |
| Frame Output | OFF*/ON(soft) |
| Wide Dynamic Range | OFF*/ON (Auto* [offset]/Manual) (soft) |
| Image Stabilizer | YES (Digital Zoom max.1.3x) |
| Image Reverse | OFF*/ON (soft) w/o WDR |
| Mirror** | OFF*/ON (soft) w/o WDR |
| Image Freeze** | OFF/ON* (soft) |
| B&W | OFF*/ON(soft) |
| Privacy Masking*** | OFF/ON* [2zone 2-D*/ 8zone 3-D (4/1 screen)] (soft) |
| Fixed Privacy Masking | OFF*/ON [optional:12 x 24 units] (soft) |
| Title display | OFF*/ON [Alphanumeric : 12 x 24 units] (soft) |
| Motion Detect*** | OFF*/ON (soft) |
| Various customizable settings | YES [preset store (max.111), WB tuning] |
| Dynamic Spot cancel | YES (w/o AGC OdB) |

Specifications

| | |
|--------------------------------|-------------------------------------|
| Panning Range | 360 ° |
| Pan Speed | 0.1° - 70°/sec |
| Tilt Range | -77° - 40° |
| Tilt Speed | 0.1° - 50°/sec |
| Communication | Multi-protocol |
| Baud Rate | 2400, 4800, 9600, 19200 |
| Controls | Pan/Tilt |
| Presets | 128 preset positions |
| Auto Pan | ON/OFF |
| Power Source | IR: AC24V (45W) |
| Operating Temperature | -40°C - 60°C |
| Weight | 9.6Kg |
| IR Effective Range | Up to 200ft |
| CCD Image Sensor | Image Size 4.6mm Dia.(1/4") |
| Total Pixels | 410k(811×508) |
| Effective Pixels | 380k(768×494) |
| Practical Pixels | 380k(768×494) |
| Progressive Scan | Yes |
| Lens Optical | |
| Zoom Magnification | 35X (f=3.4-119mm) |
| Practical f-value | 3.4-119mm |
| Practical Horiz. Angle | 55.8 °(w) - 1.7 °(t) |
| F-value | F1.4(w)* - F4.2(t) |
| Zoom Speed (Manual) | 4.6s */6.6s (soft) |
| (In Preset: Trace/No-) | 2.0s/3.2s (soft) |
| Focus | |
| Auto | VAF |
| Manul (Far/Near) | Provided (soft) |
| Focal Range | Infinity-1m(t)-0.01m(w) *(soft) |
| IR Cut Filter Removable | |
| Auto | Pro. AER+* (OFF - ON - 1/4* - 1/4k) |
| Manual (ON/OFF) | Provided (soft) |
| Durability | |
| Zoom/Focus/Iris | 500k cycles |
| IR Removable | 50k cycles |



**Industrial Advanced
Positioning Camera**

-77 ° to 40 ° Tilt

Electrical Shutter

| | |
|---------------------------------|---|
| Auto | Pro. AE (1/60 - 1/4ks) |
| Auto (+DS Shutter) | Pro. AE+ *(1/2 - 1/4* - 1/4ks : Seamless) |
| Manual | Shutter priority 1/2 - 1/30ks : soft Exposure priority F1.4 - F32 : soft AGC priority 0 - 30dB : soft |
| Manual (Sensitivity) | 32X, 16X, 8X, 4X, 2X (soft) |
| Min. Sensitivity Typical | 0.5 lx : Interlace/1lx : Progressive* |
| IR-cut ON (1/60s) | |
| IR-cut ON (1/4s) | 0.05 lx : Interlace/0.1 lx : Progressive* |
| IR-cut ON (1/2s) | 0.025 lx : Interlace/0.05 lx : Progressive* |
| IR-cut OFF (1/4s) | Approx. 0.01 lx (B/W*) : Progressive* |
| w/ IR illuminator (Op- tion) | (0.1 lx B/W*) : Progressive* |
| In 3m Condition | (F1.4 (w), 50IRE) |
| Power Supplied Volt- age | 9-12V DC |
| Power Supplied Cur- rent | 290mA w/ WDR 380mA w/ WDR(Max.) |
| Consumption max. | 2.6W (3.4W) w/ WDR |
| White Balance | Auto*(manu: soft) |
| Luminance S/N Ratio | More than 50dB |
| Iris BLC | Auto*/(offset: soft) OFF*/ON(soft) |
| Digital Zoom | OFF*/ON [soft: max. 12X] |