



## IR & Specialty

600 TVL Outdoor True Day/Night IR Bullet

# ZC-BNT8312NBA

### Features:

- 600 TVL Resolution
- 3.3-12mm **computar**® IR coated auto-iris varifocal lens
- 30 IR LEDS provide over 100' illumination range
- Digital Wide Dynamic Range
- Multi-function switch for OSD control
- Backlight / Highlight compensation
- Motion detection
- Privacy masking
- Digital noise reduction (2D)
- Lens shading compensation
- Easy cable management with cable feed-through bracket
- IP67 Rating for all weather conditions

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Side View

### ■ Specifications

Model	ZC-BNT8312NBA
TV System	NTSC
Scanning System	2:1 Interlace
Image Sensor	1/3" Sony Super HAD II CCD
Effective Pixels	768 (H) x 494 (V)
Scanning frequency	15.734kHz (H) / 59.94Hz (V)
Video Output	1.0V p-p / 75Ω
Horizontal Resolution	600 TVL
Minimum Illumination	0.1 Lux (PW Mode - at IR LED ON)
Day / Night Performance	True Day / Night, Retractable IR Cut Filter
S/N Ratio	More than 50 dB (at minimum AGC gain)
IR Illumination	30 IR LEDs
Gamma Correction	0.45
Sync System	Internal only
Lens	3.3-12mm / F1.4 Auto-iris
Max Aperture Ratio	1: 1.4 ~ 2.9
Angle of View	89.8° ~ 23.9° Horizontal
Electronic Shutter	1/60 sec, FLK, 1/60 ~ 1/100,000 (selectable)
BLC (Backlight Compensation)	On / Off / HLC (Highlight compensation)
White Balance	ATW1, ATW2, AWC, Manual (selectable)
Power Supply	24V AC ± 10% 60Hz ± 1Hz / 12V DC ± 10%
Power Consumption	5.7W (24V AC) / 6.5W (12V DC)
Operating Temperature	-4° F ~ 122° F (-20° C ~ 50° C)
Storage Temperature	-4° F ~ 140° F (-20° C ~ 60° C)
Ambient Humidity	85% RH (Operation) / 95% RH (Storage)
IP Rating	IP67
External Dimensions	8.2" (L) x 2.8" (Ø) / 209mm (L) x 72mm (Ø)
Weight	1.7 lbs. / 750g (with sunshield)
Switch	Multi-function switch for OSD control
Accessories	Self-tapping screw (3), Template, Instruction Manual, Additional Power Connector, Allen key
Certifications	CE, FCC, WEEE

All specifications are subject to change without notice.