

VN70HQ

Medium Range IR Bullet camera



Product Information

The VN70HQ Bullet camera is ideal for outdoor surveillance applications requiring medium range viewing regardless of lighting conditions.

This camera has several technologies providing optimal performance at night. The integrated IR LED modules provide up to 131' viewing and SFOCAS keeps precise focus at night. Intelligent IR compensation regulates illumination, preventing image washout from approaching objects.

Intelligent IR protection regulates IR operation to prevent overheating, which greatly extends LED lifetime. These features help make the VN70HQ the most reliable long range surveillance camera for day and night use.



Special Features

- Patented IIRP (Intelligent IR Protection) technology guarantees Extended IR Life Cycle
- Intelligent IR Compensation
- Patented SFOCAS (Self FOCUS Compensation Against Shift) technology
- Accurate Day/Night Switching with built-in CDS sensor
- External Focus Adjustment
- Universal Angle mount

General Features

- 560TVL(Day)/600TVL(Night)
- 2.6-6mm/4-9mm/9-22mm VF DC Iris lens
- Night Sensitivity up to 30M
- True Day & Night (ICR)
- IP67 Weatherproof
- 12VDC/24VAC Non-polarity Power Input

MODEL	VN70HQ
Image sensor	1/3" Sony Super HAD CCD II / Ex-view HAD CCD
Effective Pixels	NTSC : 752(H) x 582(V) PAL : 768(H) x 494(V)
H.Resolution (TRUE DN)	NTSC: 560 TVL Color, 600TVL B&W PAL: 550 TVL Color, 590 TVL B&W
Synchronizing system	Internal
Scanning system	NTSC : 525 Lines PAL : 625 Lines 2:1 Interlaced
Video output	1.0Vp-p Composite. 75 Ohms
S/N ratio	More than 50 dB (AGC Off)
Min. illumination	0.1 Lux (Super HAD CCD II), 0.01 Lux (Ex-View HAD) @ F1.6
BLC	On / Off (with DIP SW)
White balance	2,100°K ~ 9,100°K Auto
Gain Control	0dB ~ 32dB Auto
Gamma correction	$\gamma = 0.45$
Smear effect	0.005%
Shutter speed	NTSC : 1/60 ~ 1/100,000 sec. PAL : 1/50 ~ 1/100,000 sec.
LED spectrum	850nm visible IR LED x 36EA
IR beam distance	98' (30m) Super HAD II / 131' (40M) Ex-view HAD
IR LED MTBF	20,000 hours
Power source	12VDC/24VAC
Operation current	550mA w/regulated 12VDC in, 220mA w/regulated 24VAC in
Lens	Standard : 4 ~ 9mm Varifocal DC iris lens Option : 2.6 ~ 6mm Varifocal DC iris lens 9 ~ 22mm Varifocal DC iris lens
Operating Temp.	14°F ~ 122°F (-10C ~ +50C)
Humidity	Within 90% RH
Output Terminal	60cm + 1.2M DIY 4 pin DIN Waterproof cable with BNC-Fe for Video, 2 Pin terminal conn. for Power
Measurement (mm)	70(D) x 120(L) w/o Hood
Weight(Approx.g)	1,800
Optional Feature 1	Invisible IR LED (940nm IR)
Optional Feature 2	External Audio with C-Microphone " - 35dB / mV "

