

RAVEN

MODEL#: RGIREC-36

- 1/3" Sony Super HAD CCD
- Clear focus at night with Anti-IR focus distortion technology built-in
- High resolution of 420 TVL
- Extremely reliable IR Protection technology
- Long Viewable distance up to 25M at "0" Lux darkness
- Automatic LED on/off
- Weatherproof (IP67)



Model #:	RGIREC-36
Image Sensor	1/3" Sony Super HAD CCD
Effective Pixels	NTSC: 512(H) x 492(V) PAL: 500(H) x 582(V)
H. Resolution	420TVL (Day)
Sync. 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 50dB (AGC Off)
Min. Illumination	0.1 Lux at F2.0 w/o LED, 0 Lux with LED
BLC	Automatic
White Balance	2100°K - 9100°K Auto
Gain Control	-1dB ~ 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 20 degree x 36 LEDs
IR Beam Distance	25M
MTBF	20,000 hours
Power Source	DC12V
Operation Current	450mA or less w/regulated 12VDC power in
Lens Standard	6mm(56°)
Operating Temperature	14°F - 122°F (-10°C - +50°C)
Humidity	Within 90% RH
Output Terminal	2 + 1ft. Waterproof cable with BNC-female for Video, DC Jack-Male for Power
Measurement (mm)	80(W) x 80(V) x 135(L)
Weight (Approx.g)	700 incl. Bracket
Optional Function 1	Invisible 940nm 20 degree IR LED

The Raven is a highly sensitive Day/Night IR camera suitable for both indoor and outdoor application with an IP67 weatherproof design. With an ultra sensitive CCD sensor and 36 long rang (850nm) infrared LEDs, the unit can view up to 25M in complete darkness.

Automatic IR LEDs turn on at 5 Lux and enhance the resolution up to 420TVL at night.

They have a smart self-focus adjustment technology that precisely corrects the normally distorted focus under IR illumination.

Built-in IR LED protection technology intelligently prevents IR LEDs from burning out and extends the performance of IR LEDs for an extremely long time.

The unit has passed the IP67 testing and guarantees interior moisture, condensation-free picture in any harsh weather condition.

