

# Blaze

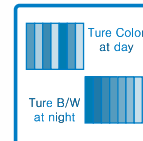
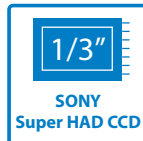


BLAZE is a highly sensitive Day/Night IR camera suitable for both indoor and outdoor application with IP67 weatherproof design. With an ultra sensitive CCD sensor and 48 long range (850nm) infrared LEDs, the unit can view up to 90 feet in complete darkness.

Automatic image conversion from Color to BW at 5 lux, removes the color to signal noises for a clearer picture, and enhances the resolution up to 560 TVL 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.



## Features include:

- 1/3" Sony Super HAD II CCD
- Clear focus at night with Anti-IR focus distortion technology built-in
- IR sensitive BW switching at night and true color at day
- High resolution of 500 TVL (Day) and 560 TVL (Night)
- Extremely reliable IR Protection technology
- Long viewable distance up to 30 feet at "0" Lux darkness
- Automatic LED on/off
- Weatherproof (IP67) housing



**Toll Free: 866-301-CCTV**

# RUGGED *Marine*

[MarineCameraSystems.com](http://MarineCameraSystems.com)

	<b>RMIR-36</b>
Image Sensor	1/3" Sony Super HAD II CCD
Effective Pixels	NTSC: 768(H) x 494(V)
Horizontal Resolu-	500 TVL (Day)/ 560 TVL (Night)
Sync System	Internal
Scanning System	NTSC: 525 Lines PAL: 625 Lines
Video Output	1.0Vp-p Composite 75Ohms
S/N Ratio	More than 50 dB (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
LED spectrum	850nm 20 degree x 48 LEDs
IR beam distance	2-30M
MTBF	20,000 hours
Power Source	DC12V
Operation current	620mA or less w/ regulated 12VDC power in
Lens Standard	3.6 or 6mm
Lens Option	3.6mm (92°), 4.3mm(78°), 8.0mm(39°)
Operating Temp	14°F - 122°F (-10°C - +50°C)
Humidity	Within 90% RH
Output Terminal	2 + 1ft. Waterproof cable with BNC-Female for Video,
Measurement	3.15(W) x 3.15(V) x 5.31 (L)
Weight (approx)	1.54 lbs.
Optional Function 1	Invisible 940nm 20 degree IR LED

## Specifications



**RUGGED Marine**  
 201 North Elm Street  
 Kemp, Texas 75143  
 Toll Free: 866-301-CCTV  
 Fax: 903-498-8989  
[www.MarineCameraSystems.com](http://www.MarineCameraSystems.com)

