

# RT3EXTIR – External Camera with Built in Infa-Red night vision



## Overview

Sony Super HAD DSP Colour/Mono Camera 420 TVL 1.0 Lux Colour , 0.01 Lux Mono with 84 IR LED's , Range up to 40 Metres , Photocell to switch LED's on - off , 3.5-8mm DD Varifocal Lens , IP65 External Housing with Heater, Includes Bracket , 12v DC Regulated

## Features include:-

- 1/3" Colour/Monochrome CCD Camera
- 3.5-8mm DD Varifocal Lens
- 420 TV Lines 1,0 Lux Colour, 0.01 Lux with 84x LED's @ 50 Meters
- Infrared LED's switched on/off by cell
- Auto Electric Shutter (AES)
- Auto White Balance (AWB)
- Auto Gain Control (AGC)
- Built-in heater and blower
- Outdoor housing with wall bracket
- Power input DC 12V
- PAL or NTSC system.

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## Specifications

Image Sensor	1/3 SONY CCD image sensor color/monochrome
Picture Elements	NTSC 537H x 505V PAL 537H x 597V
Horizontal Frequency	NTSC 15.734KHz PAL 15.625KHz
Vertical Frequency	NTSC 60Hz PAL 50Hz
Clock Frequency	NTSC 19.0699MHz PAL 18.9375 MHz
Horizontal resolution	420 lines
Scanning System	2:1 Interlace
Illumination	0.01 Lux with 84 IR LEDs at 30 M
Signal to Noise ratio	50dB

Electronic shutter	NTSC 1/60~1/100,000 sec. PAL 1/50~1/100,00sec.
Gamma	0.45
Lens	3.5-8mm DD / F1.4 / CS
Video output	1V pp 75 Ohms
Power Supply	12V DC( $\pm 10\%$ ) 9W(max), 140ma (LEDs OFF) 750ma (LEDs ON)
Dimensions	375 x 135 x 136mm
Storage Temperature	-30°C to +60°C
Operating Temperatures	-10°C to +45°C