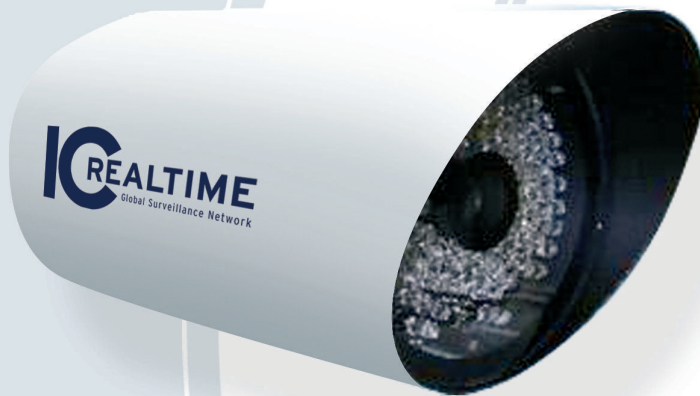


ICR-1000LR Long Range IR Camera

Description

This long range IR camera is perfect for large commercial applications. Its ability to see at 0 LUX for up to 30 Meters (100ft) makes it a great fit for warehouse, industrial and large scale outdoor parking facilities. It is out fitted with a 6 MM fixed lens and 84 High power IR-LEDs. Its IP66 means that it is suitable to use in virtually any climate from temperatures of -10 to 50 degrees Celsius (14 to 122 Fahrenheit).



Characteristics:

- Based on the SONY 1/3-inch Super HAD CCD sensor color camera
- Employs Digital Signal Processor (DSP) IC for image control
- Total pixels of sensor: NTSC = 270K/PAL = 320K pixels
- High sensitivity, low smear, excellent anti-blooming, and high S/N ratio
- Supports functions: Auto Electronic Shutter (AES), Auto Gain Control (AGC), Auto White Balance (AWB)
- Includes board lens and furnished with mounting bracket
- 24VAC and 12VDC type power requests optional
- Built-in an infrared illuminant to assist for cameras in low illumination environment
- Plug-and-play: installs easily and is suitable for DIY (Do It by Yourself)
- Long life luminary with using special wavelength infrared LED
- Single power and signal connecting wire
- Water-resistant
- Built-in environment illumination detection and control circuit that can turn-on/off the infrared illuminant automatically

ICR-1000LR

Properties:

- Image pick-up device: Sony 1/3-inch super HAD CCD sensor
- Effective picture elements (H x V): 510 x 492 (NTSC), 500 x 582 (PAL)
- Horizontal resolution: 380 horizontal lines
- Minimum illumination: 0.2 lux at F2.0
- S/N ratio: more than 48dB
- Auto electronic shutter: 1/60 to 1/100,000s (NTSC), 1/50 to 1/110,000s (PAL)
- Auto white balance (color temperature): 2500 to 9500K
- Scanning system: interlace 2:1
- Gamma characteristic: 0.45
- Lens furnished: IR mono focal lens 6.0mm/F1.8 (optional: 8.0mm/12mm)
- Synchronous system: internal, negative sync.
- Video output: 1Vp-p/75 ohms
- Power consumption: 1.5W maximum CCD camera only
- Infrared luminary: 84-piece IR LED, 6000-hour life
- Wavelength: 850nm
- Beam spread angle: 20, 50 degrees
- Illumination distance: 30 meters (100ft) PA
- Illuminator active limit: under 10 lux (linear control)
- Power consumption: 16W maximum IR-LED ON only
- Power supply:
 - 100 to 240VAC, 47 to 63Hz/30W typical
 - 24VAC, 60Hz/18W typical
 - 12VDC/1.4A typical
- Operating temperature: -10 to 50 degrees Celsius (14 to 122 degrees Fahrenheit)
- Water resistance: IP66