



IT F320S-44

Color Water Proof IR Camera



SONY SuperHAD CCD™

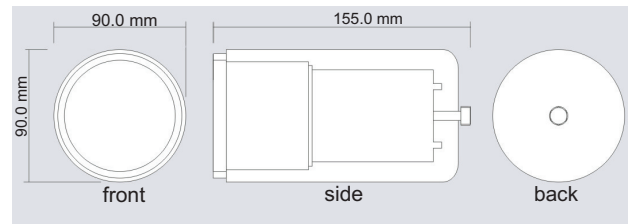


The IT F320S-44 is a high quality Color Water Proof IR Camera designed for remote control systems and CCTV. Thanks to the latest SONY CCD technology, the IT F320S44 camera produce high resolution images. The camera has a wide operation temperature range. Thanks to his shield is not subject to distortion from magnetic field. With its lightweight and compact size, is the best solution for monitoring and surveillance. The Waterproof 420TVL Color Day/Night Camera is safe for both indoor and outdoor use. With 44 built-in IR illuminators, this color surveillance device can even capture images in almost complete darkness.

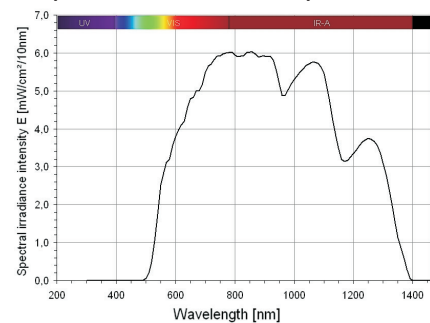
CAUTIONS

1. In order to protect the camera, please avoid placing or using the camera under direct sunlight and rain.
2. Please ensure that the input voltage range is within the specifications.
3. Avoid using under abnormally high or low temperature conditions. (Recommended temperature range: -20°C ~ 50°C).
4. Do not attempt to service the camera by yourself. Please refer all services to a service personnel or system installers.
5. Do not make any connections or operations to the camera with the wet hands. This may cause an electric shock.
7. Installing under fluorescent or incandescent light immediately may cause flicker of the monitor. It does not mean the camera is damaged.
8. Once the camera not worked properly, cut off the power supply immediately, then check all connectors, power supply cables and video cables to see whether they are properly connected.

1. Installation Sketch Map



2. IR Spectrum Sketch Map



SPECIFICATIONS

Image Pick up Device: 1/3" Color Sony SuperHad CCD

Effective Pixels: PAL:500H×582V
NTSC:510H×492V

Signal system: PAL/NTSC

Horizontal Resolution: 420 TVL

Minimum Illumination: 0 Lux/F1.2
Auto Night/Day

S/N Ratio: ≥ 48 dB

Video Output: 1.0Vp-p/75Ω

Auto Gain Control: Auto

White Balance: Auto Tracking

Back Light Compensation: Auto

Exposal: EE (Electron)

Electronic Shutter: 1/50 (1/60) -1/100000 s

Gamma Ratio: 0.45

Synchronization: Internal Sync

Infrared Wave Length: 850 nm

Lighting distance: 40-50m

Lens: 12 mm/F 1.2

Working Voltage: DC 12V ± 5%

Operating Temperature: -20° to +50°

LED Lights: 44

Protection Degree: IP67

Dimensions: Ø 90.0 x 155.0 H mm

Power: 5,2W - 430 mA

Weight: 1000 g