

SPECIFICATION

Operating voltage 12V dc
Current consumption
Operating temperature
Weatherproofing
Dimensions
Package weight
Approvals

CE directive 93/68/EEC
EMC directive 89/336/EEC,
BS EN 50081-1 : 1992, BS EN 50082-1 : 1992



INSTALLATION

SP20 / SP21
Eyecam B&W / Eyecam Colour



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INSTRUCTIONS

Thankyou for purchasing the SP20/21 Eyecam. Please read these instructions carefully before starting the installation.

FEATURES

- High resolution camera with wide viewing angle.
- Built-in high quality 10 metre PIR sensor for detecting intruders / visitors.
- Built-in high quality microphone.
- IR LED illumination SP20 only. (Approximately 3m distance)
- 20 metre pre-connected lead. Extendable up to 100 metres
- The SP20/21 is also compatible with the 1803 lighting control unit & 1804 External PIR sensor.

SITING THE UNIT

- The unit may be installed at any convenient indoor or outdoor location where the device will not be subject to heat movement. e.g. Close to flood lights, Heating flue outlets, trees / bushes.
- The camera must be positioned so that it will not point directly into the sun or any bright light that will damage the camera.
- Try to avoid viewing areas where half the area is in bright light and the other in dark, such as in the shadow of a building. All types of camera have difficulty in 'seeing' with such a large lux level variation.
- The camera will work in low light conditions, but ensure a light, such as a 150W tungsten halogen lamp, is fitted near to the camera for good visibility at night-time.
- The PIR is most sensitive when a person moves across the face of the sensor rather than towards the sensor. This means the person crosses more detection beams and the PIR sensor is more sensitive.

Diagram detection pattern of Eyecam and best direction of movement

INSTALLATION

1. Before starting the installation we recommend that you temporarily connect the camera to your SP400 camera switcher. This will help determine the best position for the camera.
2. The camera is supplied with a 20 metre pre-connected lead. This will plug directly into a spare camera input on the SP400 camera switcher. Ensure the power is removed from the SP400 before connecting the camera.
3. Run a 4 core alarm cable from the Securilite Lighting Control Unit to the IBX Command Centre and connect as shown over.

4. Push the front enclosure back into position carefully.

UNIT OPERATION

The Securilite system is a security system and therefore this command centre will not allow you to disable the outside lighting. If an intruder walks in front of a PIR sensor, the lights will always come on.

Sounder On/Off Button - Press this to arm or disarm the internal sounder and any additional sounders connected to the **B-** terminal. When armed, indicated by the **Sounder LED** being ON, the sounders will activate whenever movement is sensed by a PIR detector, day or night.

Timed Lights Button - This will turn on the external lights and hold them on for the duration of the timer set in the lighting control unit, after which time the lights will automatically turn off. (Night time only)

Manual Override Button - Press this button to manually switch the lights on. The lights will stay on until the manual mode is switched off. The **manual override indicator** shows when this feature is on.

Movement Indicator - This will light up whenever a PIR detector is sensing movement, regardless of whether it is day or night or if the sounder is on or off.

Lights On Indicator - This will indicate to you that the outside lights are on.

Sounder Time Adjustment - The internal and external sounders (if fitted) will stay on for as long as a person is moving in front of a PIR sensor. Turn this adjustment to increase the duration of the sounder time. up to 10 seconds after movement has stopped.

