

## FS-5 Camera

# Discreet. Super Compact. Stunning Video Quality.

### Key Features & Benefits

Aesthetically pleasing surface or flush mount options

600 TVL with 1/3" Sony Super HAD CCD camera

10 IR LED's for illumination at night

Integrated microphone to capture audio

Vandal resistant metal-case with Polycarbonate dome

IP67 weatherproof - suitable for outdoor use

### Applications

School Buses

Transit

Transportation and Logistics

Law Enforcement

First Response

Taxi

The FS-5 camera is a small, attractive, vandal resistant micro dome with IR LED's and audio. It is specifically designed for applications where aesthetics are a key requirement.

The FS-5 can be flush mounted so that only the 1/2" (13mm) ring and polycarbonate dome are visible. 3/4" (19mm) of the camera will be hidden behind the surface it is mounted to.

The FS-5 camera utilizes a Sony Super HAD 600 TVL color, day/night CCD with 10 integrated IR LEDs. The camera's housing is metal and built to survive in rugged and vandal susceptible environments.

Vibration tested to Mil Spec 810F, the FS-5 camera is an excellent choice for both mobile and fixed environments.



Utilizing a Sony Effio Super HAD 1/3" CCD (Charge Coupled Device) imaging sensor the FS-5 provides class leading image quality in both day and night lighting conditions. Also included is an integrated microphone that captures clear audio.

Generating a standard composite NTSC video signal, the FS-5 camera is plug and play compatible with Gatekeeper's camera cabling system and older Gatekeeper DVR's. The camera is available with 15', 30' or 60' camera cables. The FS-5 has been built to



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operate in extreme environments that have significant shock and vibration and can operate in a temperature range of -22°F to +131°F, (-30°C to +55°C).

## Camera - Features

### Flush or Surface Mount

The FS-5 camera can be either flush mounted or surface mounted. This is very useful where aesthetics are a key requirement. If there is insufficient space behind the mounting location to recess the camera 3 mounting adapter rings are available: 0 degrees, 15 degrees and 25 degrees.

These rings not only provide the mounting assembly to surface mount the camera but also provide a tilted surface so that the lens can be aimed at more acute angles. The 0° flush adapter base allows the camera to be aimed 55° from vertical, while the 15° adapter base allows the camera to be aimed up to 70° from vertical and the 25° adapter base allow the camera to be aimed up to 80° from vertical.

### Integrated Microphone

The FS-5 camera includes an integrated microphone allowing high quality audio to be captured at each camera.

### Integrated IR

The integrated IR utilizes 10 infrared LED's to provide IR

illumination at night. A sensor in the camera detects the ambient light and automatically turns on/off the IR LED's as needed.

### 3D Gimbal

The housing inherently implements a 3D gimbal design found in more expensive cameras. This allows the base to be mounted in almost any orientation while allowing the camera to be adjusted so that the image is correctly oriented.

### All Metal Housing

An all metal housing which has a Polycarbonate lens creates a vandal proof package that is resistant to physical damage.

### Tamper Proof Adjustments

Not only is the camera constructed of metal, but there is a set screw which, when tightened, prevents the camera aim from being tampered with. This is important for installation where the camera can be accessed, either due to low ceilings or accessible camera placement.

### Sealed Design – Water and Dust Proof

The ball that houses the camera electronics has no vents thus allowing the camera to have a rating of IP67.

## Specifications

### FS-5 Camera

Imaging Sensor	Sony Super HAD II, 1/3" CCD	Available Lenses	2.9 mm, 3.6 mm, 4.3 mm, 6.0 mm, 8.0 mm, 12.0 mm and 16.0mm
Processor	Sony	Voltage	12v nominal
Minimum Illumination	0.1LUX/F1.2 (no IR), 0.0 LUX (IR On)	Power Consumption:	≤3W with IR On
Resolution	600 TVL	Exterior Dimensions	(Ø x H) 3.1" x 2.4" (77mm x 60.3mm)
Effective Pixels	758 (H) x 594 (V)		.5 lbs (200 g)
Video Output	1.0V P-P/75Ω, NTSC	Operating Temperature	-22°F to +131°F (-30°C to +55°C)
S/N Ratio	≥50db (AGC Off)	Operating Humidity	Under 90% (Non-Condensing)
Electronic Shutter	1/60 to 1/10,000	Pan	±180°
Gamma Correction	0.45	Tilt	0° to 62° when flush mounted or using 0° surface mount adaptor
AGC	Auto	Adaptor Plates:	15° to 77° with 15° adaptor plate
BLC	Auto		25° to 87° with 25° adaptor plate
White Balance	Auto		
Audio	Yes - integrated mic and line driver		
IR	10 LED's (850nm) with integrated on/off sensor IR Range: 10 feet (3 meters)		

Specifications subject to change without notice.