



## HD CAMERA CONNECTS TO EXISTING ANALOG WIRING

The S31 AHD is a 720P high definition analog camera that can connect to your existing video system without running new wire harnesses. The Quick-Connect cables ensure your existing wire harnesses are able to 'plug and play' with Gatekeeper DVRs. A full-metal, vandal resistant design protects the lens and circuitry for long lasting performance.

# GATEKEEPER

## S31 AHD CAMERA

**VERSATILE  
VANDAL RESISTANT  
CONNECT TO EXISTING SYSTEM**



### KEY FEATURES

- 720P
- Integrated audio
- Built-in night vision capability
- Built in Microphone
- Designed in Wide Dynamic Range (WDR)
- 90 degree aiming
- Vandal Resistant
- 3D Gimbal Functioning

## HIGH DEFINITION CAMERA

# GATEKEEPER

Gatekeeper Systems Inc.  
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Canada

Gatekeeper Systems USA Inc.  
7-200 Rittenhouse Circle East  
Bristol, PA 19007  
United States

### VIDEO

IMAGING SENSOR	Sony EXMOR IMX225 1/3" CMOS
PROCESSOR	Nextchip NVP2431H
MINIMUM ILLUMINATION	0.0 Lux with IR On 0.001 Lux with IR Off
RESOLUTION	720p (1280x720), WD1 (928x480), WHD1 (928x240), WCIF (464x240), D1 (704x480), HD1 (704x240), CIF (352x240) DVR Dependent
SYNC	50/60 Hz
S/N RATIO	≥ 50db (AGC Off)
ELECTRONIC SHUTTER	Auto - 1/30 to 1/10,000 Second
WHITE BALANCE	Auto
FRAME RATE	Up to 30 fps (DVR Dependent)
VIDEO	Analog High Definition
CABLING	4 Pin Molex - analog cable

### AUDIO

Yes - integrated mic and line driver

### IR

24 IR LEDs (850nm) with integrated on/off sensor. Effective IR distance is approx. 10-15 meters.

### HOUSING

Gatekeeper's S3 camera housing

### AVAILABLE LENSES

2.8mm, 3.6mm, 4.2mm, and 6.0 mm

### APERTURE

Fixed Aperture F1.8

### POWER

#### VOLTAGE

DC12V Nominal

#### CONSUMPTION

180 mA @ 12v IR On  
70 MA @ 12V IR OFF

### PHYSICAL

#### DIMENSIONS

3" H x 3.5" base diameter  
76mm H x 89mm base diameter  
(8cm x 9cm)

#### WEIGHT

.84lbs (380 g)

#### IP RATING

IP65

#### OPERATING TEMPERATURE

-40°F to +158°F (-40°C to +70°C)

#### OPERATING RH

Under 90% (Non-Condensing)

