

SolsticeCam™

Wireless Solar Powered Camera Systems

## SS-FAC-P Series



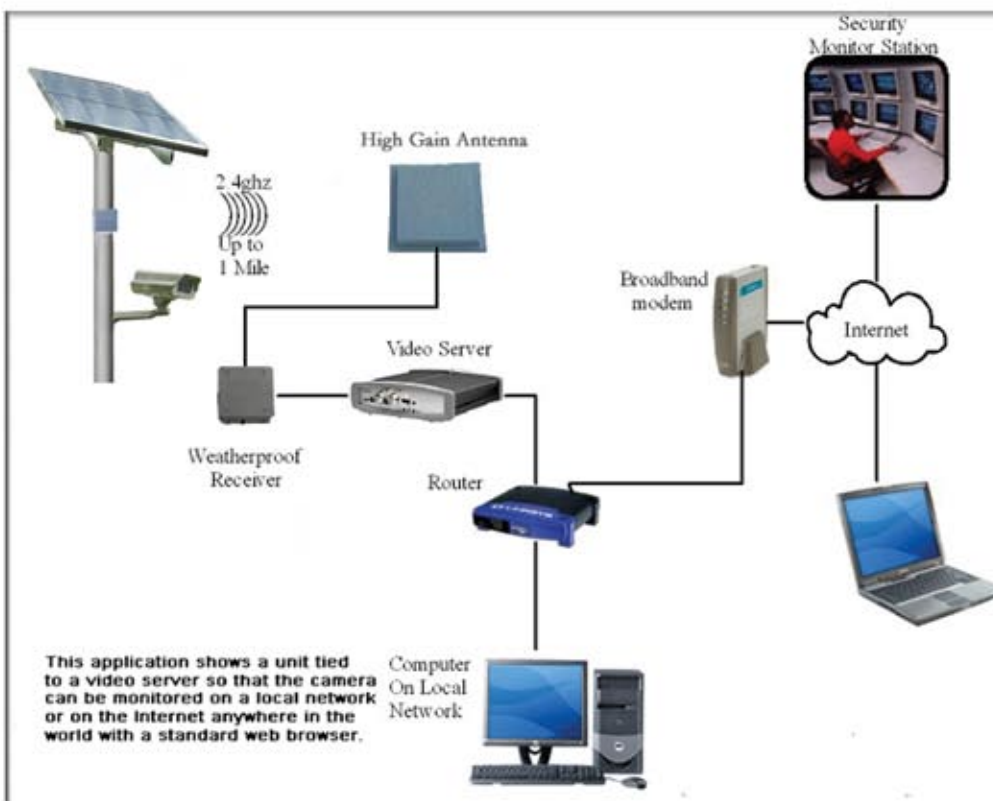
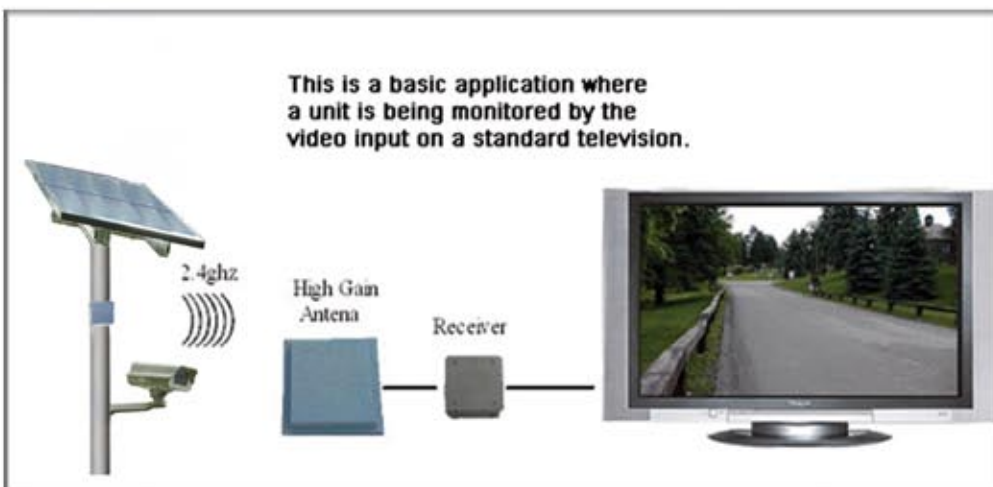
SS-FAC-700-P  
SS-FAC-5280-P



### SolsticeCam Fixed Analog Camera System:

This complete and fully integrated solar power surveillance unit provides safe and reliable camera surveillance by transmitting video up to 1 mile Line-of Sight (LOS) for 24 hours a day where it can be recorded from a location convenient for you. The unit provides power generation by converting the energy of the sun without the need and expense of trenching for utility power. The sealed, deep-cycle enclosed battery provides extended life for solar applications. The schedule 40, 20 ft. 4.5 in. diameter aluminum pole structure (not included in KIT Series) is easily setup and is corrosion resistant for the most severe weather conditions. This unit is practically maintenance-free and comes pre-wired for minimum setup time and installation. All SolsticeCam units come with a one year guaranteed warranty with an optional two or three year extended warranty.

## SYSTEM CONFIGURATIONS



## SPECIFICATIONS

### Model SS-FAC-P

Camera Housing	Outdoor camera housing with pole mount adapter
Pole Mast	20ft. x 4.5in. schedule 40 aluminum pole mast
Battery Enclosure	Brushed aluminum NEMA outdoor rated lockable battery and electronics enclosure
Standard Solar Requirement	2.0 solar rating or higher
Standard Battery Backup	Minimum 5 days battery bank

### Camera Sony SSC-E473

Image Device	1/3 type Interline Transfer CCD with Super Exwave
Picture elements	(HxV) 768 x 494 (NTSC) 752 X 582 (PAL)
Sensing area	1/3 type format (4.8 x 3.6mm)
Horizontal Resolution	540 TV lines
Lens mount	CS-mount
Minimum illumination	Color: 0.55 lx at F1.2 / B&W: 0.05 lx at F1.2
Day/Night Function	Auto/Manual selectable
AGC	TURBO/OFF switchable
CCD IRIS	ON/OFF switchable, 1/60 to 1/1000,000 s
White Balance (WB)	Auto White Balance Pro(ATW Pro)
Back-Light Compensation (BLC)	ON/OFF switchable
S/N ratio	More than 50dB (AGC OFF, WEIGHT ON)
Video Output	BNC, 1.0 Vp-p, 75 Ohm, sync negative
Auto iris lens	DC servo
Operating Temperature	-10°C to 50°C (14°F to 122°F)
Dimensions	(WxHxD) 60 x 53 x 124 mm (23/8 x 21/8 x 5 inches)

### Transmitter

Frequency	2.4 GHz (License Free)
RF Output	100 mW
Channel Frequency	2450-2483 MHz
Frequency Stability	+/- 250 KHz, PLL Frequency Synthesizer
Video Deviation	6.3MHz p.p
Video Input	NTSC or PAL 1Vpp
Voltage	10-13 Vdc @ 300 ma
Operational Temp	-30C to 50C
Transmitter Antenna	Directional

### Receiver

Frequency	2.4 GHz (License Free)
Channel Frequency	2450-2483 MHz (4 channel)
Frequency Stability	+/- 250 KHz, PLL Frequency Synthesizer
Image Rejection	30 dB min.
Gain	3 dB
Output	NTSC or PAL 1Vpp
Voltage	10-13 Vdc @ 300ma
Operational Temp	-30C to 50C
Receiver Antenna	7 dB
FCC ID Number	Tested under Part 15