United Vision Solutions, Co.

SkyCam-IP

Long Range 24/7 camera system
Pressurized Outdoor Enclosure

FEATURES:

The SkyCam series is designed to be maintenance free and to meet stringent environmental standards.

Include High-Resolution Color 1/3" or 1/2' CCD camera

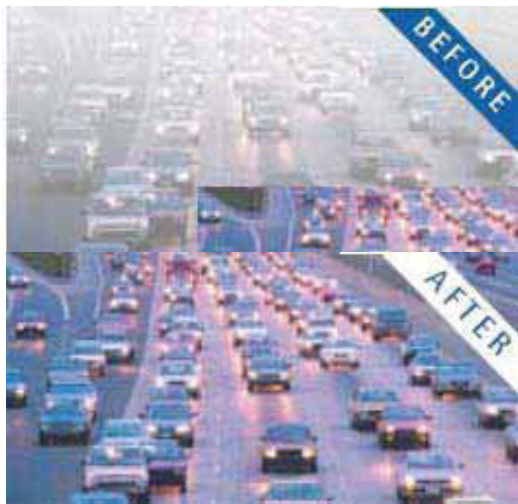Minimum illumination 0.0003 lux B&W mode

Hi Speed- Outdoor Heavy duty Pan/Tilt with preset, tour and auto scan

Video Standard: NTSC or PAL

Motorized Lenses from 300mm to 1100mm, Motorized Zoom, Focus, and Auto IRIS

Outdoor Environmental Enclosure Meets NEMA 6, IP 67 standards

Live view in Motion JPEG or MPEG-2, 4

SkyCam PTZ IP Rugged Camera System

Comprehensive video management software for monitoring, recording, playback and event management with image improvement using Image Enhancer.

Get the picture… Day/Night.

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United Vision Solutions, Co.

SkyCam IP day/night

Camera specifications

Image sensor	Diagonal 6mm (1/3") Sony DS CCD
Total Pixels	811(H) x 508(V) NTSC / 795(H) x 596(V) PAL
Effective Pixels	768(H) x 494(V) NTSC / 752(H) x 582(V) PAL
Filter	Automatic mechanical IR cut filter
Resolution	Color : 560 TV Lines B/W : 700 TV Lines
shutter Speed	1/60 ~ 1/120,000 sec
Synchronisation	Internal / Line Lock
Min. Illumination	0.001 Lux (Color Sens-up), 0.00004 Lux (B/W Sens-up)
Signal/Noise ratio	52 dB (AGC Off, Weight ON)
Back Light Compensation (BLC)	On/Off
White balance	ATW / AWC / Manual / Outdoor / Indoor (1800°K ~10,500°K)
Automatic Gain Control (AGC)	LOW / HIGH / OFF
IRIS Control	DC / Video

Optical zoom module

Lens	300mm, 550mm, and 750mm
Zoom	motorized zoom 25X
Angle of view	from 11.8º (WIDE end) to 0.5º (TELE end)
Minimum illumination	0.01 lux and .0003 lux with sense-up
Zoom/Focus/IRIS	Motorized Zoom, and Focus Auto video IRIS

Pan/Tilt & Enclosure

Pan Rotation	0-355° (0-360° option)
Tilt Rotation	90° down from horizontal; 60° up from horizontal
Pan/Tilt Resolution	5° (0.1° option recommended for long range)
Ambient Temperature	-10°F to 140°F (-23°C to 60°C) Heater blanket (Option) Allows operation to -50°F (-45°C).
Environmental housing	pressurized enclosure with sun shroud and insulating rated IP66 and NEMA 4X, Construction of Aluminum. Finish Gray polyester powder coat

Computer Software

Camera Control Software	The Camera Station is an IP-Surveillance software that works with SkyCam cameras to provide video monitoring, recording and event management functionalities. High quality recordings in Motion-JPEG and MPEG-4 Enables control of PTZ View and record live video from camera Image Enhancer improves the clarity of images taken in poor conditions such as fog, smoke, rain or snow (Option)
Camera communication interface	RJ45 TCP/IP Interface

Available Options

Power supply	220 VAC, 110VAC, 24 VAC, 24 VDC, and 12 VDC
Installed protocol	Pelco-D , other protocols are available upon request
Telemetry control interface	RS485 option TCP/IP
Mounting	Custom kits for pole, tower, and side building

Models

SkyCam-IP-300
SkyCam-IP-550
SkyCam-IP-750