

Rugged Day/Night PTZ with SDI High Definition Video Output Designed for Mobile Use

This rugged PTZ camera is designed for practical and extreme applications that require a vehicle-based surveillance camera solution. This mobile surveillance camera is weather-proof and resists corrosion. Image stabilization makes video sharp and easy to view. Operators inside the vehicle control pan, tilt, zoom, and an infrared array that can project as far as 190' from the camera to illuminate dark alleys, under bridges, and dark areas that have no source of light.



SUGGESTED USE

- Police Vehicles
- Emergency Vehicles
- First Responder Vehicles
- Marine Patrol
- Border Patrol
- Correctional Transport

2.2 MEGAPIXEL VIDEO SENSOR

Captures maximum amount of data, providing bright images and sharply defined edges, faithful color reproduction, and crisp contours.

PROGRESSIVE SCAN 1080P

Provides accurate, flicker-free reproduction of video images on large or small monitors.

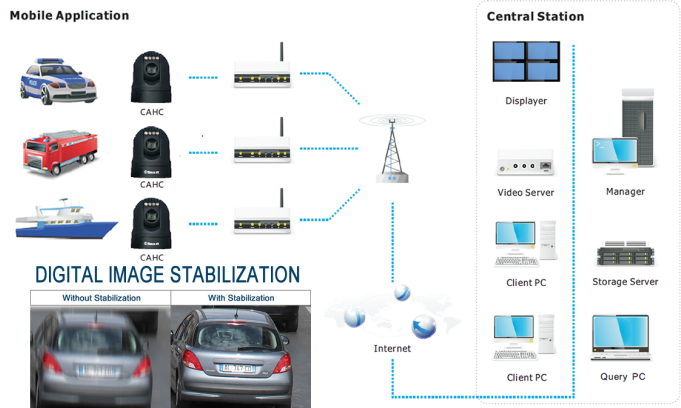
HIGH DEFINITION SDI VIDEO

Transmits super sharp, super clear video output over standard coaxial cables that are easy to install, rugged, and easy to fix or replace in critical situations.

Specifications

RESOLUTION	1080P (1944(H) x 1092(V) Effective Pixels)
VIDEO SENSOR	2.2 MEGAPIXEL 1/3" PROGRESSIVE SCAN CMOS
VIDEO OUTPUT	SDI HD 1080P @ 30fps, 1080I @ 60fps, 720P @ 60fps
AUX. OUTPUT	550 TVL Analog
VARIFOCAL LENS	4.45 to 89mm (f1.6 to f2.9)
ZOOM	OPTICAL - 20X, DIGITAL - 16X
FOCUS	Auto-Focus and Manual Mode
FIELD OF VIEW	Horizontal: 55.5° (wide angle) to 3.1° (telephoto) Vertical: 43.3° (wide angle) to 2.3° (telephoto)
PAN	360° CONTINUOUS
TILT	-15° to 90° (AUTO-FLIP)
PAN SPEED	Up to 90°/sec on Manual, Up to 120°/sec on Preset
PRESETS	256 (with ±0.05° Precision)
MIN. ILLUMINATION	1.5 LUX (color), 0.1 LUX (B/W), 0.0 LUX with IR on
INFRARED SYSTEM	Automatic IR array, 850nm wavelength, 190'+ range
IR FILTER	ICR (Infrared Cut Filter) Mechanical IR Filter
IMAGE PROTECTION	OSD Menu with WDR, ATW, AWC, BLC, Image Stabilization
NOISE REDUCTION	Digital Noise Reduction
DAY/NIGHT	Auto and Manual
HOUSING	Magnesium Alloy
DEFOGGER	YES
SOFT ADDRESS	YES
SCAN MODES	Random Scan, Auto Scan, Frame Scan supported
WEATHERPROOF	Rated IP66, good for outdoor or indoor placement
PROTOCOL	PELCO-P, PELCO-D
INTERFACE	RS485
BAUD RATE	2400/4800/9600bps (self adaptive)
POWER	10.8-28VDC, 15W Standby, 30W (IR on, Defogger on, P/T running continuously)
MOUNTING	Magnet, Fixed, Fixed w/Damper
WEIGHT	Fixed: 3.6lbs. Magnet Mount: 3.7lbs. Fixed with Damper: 4.6lbs
DIMENSIONS	See below.

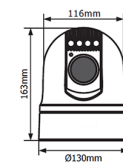
System Diagram



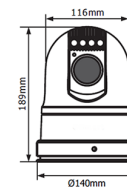
DIGITAL IMAGE STABILIZATION



With No Damper



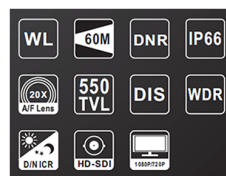
With Damper (Optional)



Mounting Hole
3-MS(EQS)



Mounting Hole
3-Ø6(EQS)



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