

STATE OF THE ART INFRARED ILLUMINATION

MV 8000 Series

Infrared B/W + Color Camera & Illuminator

The MV 8000 is the ideal choice for **day/night surveillance applications**- allowing you to record high resolution, "evidence quality" images regardless of lighting conditions. For no-compromise day-time video, the 8000 incorporates a **color camera**.

For optimal performance at night, the 8000 Series combines an IR sensitive camera with patent-pending opto-electronic engineering to dramatically improve video surveillance. A proprietary LED design maximizes output, efficiency, reliability, and lifetime of the illuminator- all in the smallest amount of space. Advanced circuitry and a light sensing photocell automatically activate the illuminator at dusk or when the light level is low; while simultaneously switching the unit from color to B/W.



Each 8000 IR Camera is enclosed in a **rugged, all-weather housing** ready for any indoor/outdoor application; and the **extremely compact, discreet design** fits into almost any environment. The 8000 is easily installed using standard hardware and is equipped to handle 12Vdc operation.

Time and field tested in some of the most critical applications, the 8000 series is the latest generation of surveillance cameras, incorporating the most advanced IR technology.

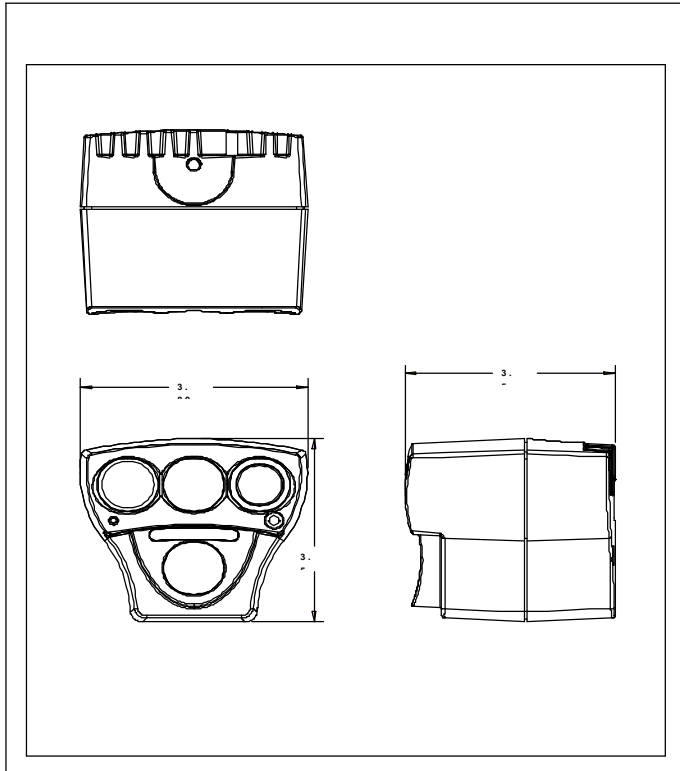
FEATURES:

Compact Size	30, 60, 90 or 110 degree Field of Views available	High Resolution/High Contrast, Full Motion video surveillance
Indoor/Outdoor compatible	0 Lux operation	LED Diode is: High power, Long-life, Solid State, Multi-element
Vandal-resistant, heavy-gauge aluminum cast/polycarbonate housing	880 nanometers high output IR source	IR sensitive B/W Board Camera, 1/3" CCD
Standard ¼- 20 mounting configuration, terminated cables	940 nm available for covert applications	Color Board Camera, 1/3" CCD for optimal day time surveillance
Very low power consumption at only 10 Watts	Insusceptible to blooming, shadowing, shading or silhouetting	
High output <u>Quality</u> illumination to 75 feet		

MV 8000 SERIES

Technical Specifications

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SAMPLE APPLICATIONS:

- Correctional Facilities
- Loading Docks/ Terminals
- Mining/manufacturing Operations
- Power plants
- Covert Surveillance
- Sleep Clinics
- Gated Entries
- License Plate Capturing
- Bank Vaults
- Night-time entertainment areas
- Corporate "hot spots"
- Institutional/ Prisons
- College Campuses
- Residential-
 - entry areas
 - perimeter security
 - swimming pools
 - home integration

MODELS:	FOV	IR	Lens
MX 8030	30 degree	880/940 nm	12.0mm
MX 8060	60 degree	880/940 nm	6.0mm
MX 8090	90 degree	880/940 nm	3.6mm
MX 8110	110 degree	880/940 nm	2.5mm

ELECTRICAL:

Output light power: 600 mw.
Input voltage: 12Vdc
Operating power: 10 watts
Operational Temp: -20 Deg C to +50 Deg C
Illumination Source: Solid State Diode
Max. Current Draw: 12VDC : 0.8 amps

MONOCHROME CAMERA:

Image Sensor 1/3" interline transfer CCD
Image Sen. Area 4.8mm (h) x 3.6mm (v)
Picture Element 512(h) x 432 (v)
Scanning System 525 lines, 60 fields/sec
Horizontal Freq. 15.75KHz
Vertical Freq. 60Hz
Min. Illumination 0.05 lux w/o illuminator
Resolution 410 TV lines
S/N ratio >48db
Electronic shutter Auto: 1/60 – 1/100,000 sec
Gamma correction 0.45
BLC Option
Video Output 1.0 Vp-p Composite @75ohm
Min. Illumination 0.05 lux (without illuminator)

COLOR CAMERA:

Image Sensor 1/3" interline transfer CCD
Image Sens. 6.0mm (h) x 4.96 (v)
Picture Element 510 (h) x 492 (v)
Horizontal Freq. 15.625KHz
Vertical Freq. 60Hz
Scanning System 525 lines- 60 Fields/Sec
Min. Illumination 3 lux/F1.2 without illuminator
Resolution 380 TV lines
S/N Ratio >45 Db
Electronic Shutter Auto: 1/60- 1/100,000 sec
BLC Option
Video Output 1.0Vp-p Composite @75ohm
Gamma Correction 0.45

MECHANICAL:

Mounting 1/4" 20 standard mount
Dimensions 3.5"H x 3.5"W x 3.0"D
Weight 20 ounces (500 grams)
Housing Heavy gauge die-cast aluminum

GLOBAL CCTV

YOUR VIDEO SURVEILLANCE SOLUTIONS COMPANY



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