



REG[®] IP License Plate Capture Camera

REG[®] IP - featuring DHC-Imaging[™] - brings the world's de facto standard of license plate capture directly to your IP network infrastructure.

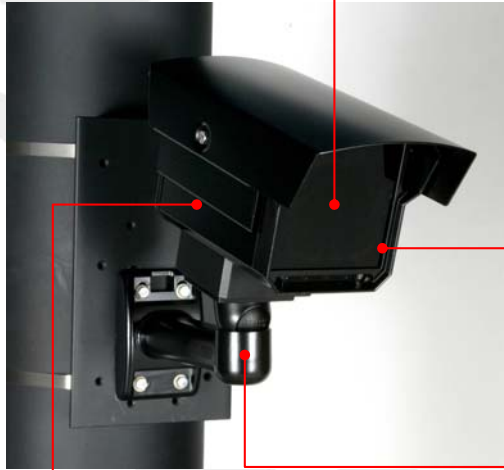
Extreme's innovative i³ design harnesses the power of infrared illumination to deliver outstanding license plate images day or night, integrating seamlessly with existing IP network infrastructure. REG[®] IP incorporates Extreme's proprietary DHC-Imaging[™] engine and Ambient Rejection[™] technology, both of which are field-proven at thousands of critical sites around the world.

The all-weather REG[®] IP delivers outstanding 24/7 plate capture in seemingly impossible conditions while producing lower band-width network impact than conventional cameras. Ideal for critical applications such as border patrol, perimeter protection, public surveillance and intelligent transportation systems.

Performance Benefits

- **IP Infrared Imaging (i³)** harnesses the power of infrared illumination to deliver outstanding images day or night, integrating seamlessly with existing IP network infrastructure
- Award-winning **DHC-Imaging[™] and Ambient Rejection technology** delivers high-contrast imaging results, overcoming all problems related to speed, reflectivity, sunlight glare and headlights
- Infrared illumination enables effective plate capture under any lighting condition while delivering the necessary details for **effective function of automatic license plate recognition software and low bit rates**
- **Dual-stream IP connectivity** with MPEG-4 and MJPEG compression up to 30fps for remote access, scalability and full compatibility with the world's most advanced surveillance networks
- **Field-proven all-weather design** compliant to NEMA4 for long-term reliable performance in harsh environments
- **Reduced total cost of ownership:** lower installation costs, IP scalability and flexibility

Key Attributes



Award-Winning Infrared Illumination

- Metaphase LEDs deliver powerful infrared illumination for effective license plate capture up to 75ft (23m)
- 24/7 license plate capture in day or dark conditions
- Reduces image noise and enables better compression, reducing bit rates and enhancing network stability
- Enables effective night-time performance of automatic license plate recognition software

DHC-Imaging™ Technology

- Delivers definitive high-contrast license plate capture
- Precision engineered optics captures plates from vehicles moving up to 100mph (~160kph) for high speed applications
- Advanced ambient rejection technology solves problems related to glare from sunlight, headlights and high-beams

Rugged All-Weather Construction

- Field-proven NEMA4 compliant weather-sealed housing
- Cable-managed wall bracket (order separately)
- Integral heater and sunhood

High Performance Video Encoder

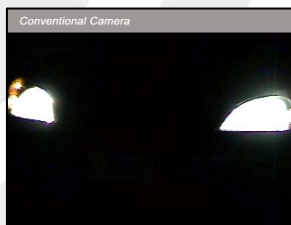
- MPEG-4 and MJPEG at 30fps, full resolution
- Dual-stream video allows for simultaneous high resolution storage with high efficiency viewing (or vice versa)
- Supported by a wide range of VMS and NVR solutions

IP Infrared Imaging - i³

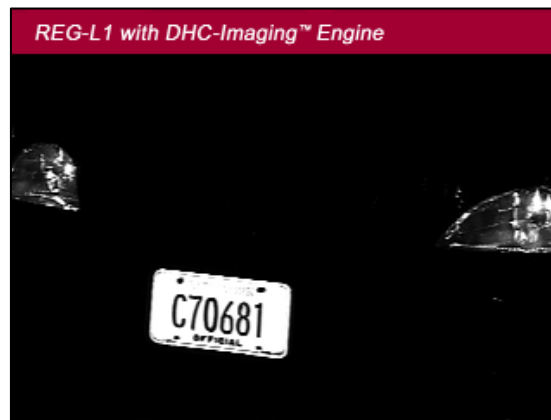
- Harnesses the power of infrared illumination to deliver outstanding images day or night
- Integrates seamlessly with IP network infrastructure
- Infrared illumination improves encoder efficiency and bit rate, enhancing network stability



Performance Images



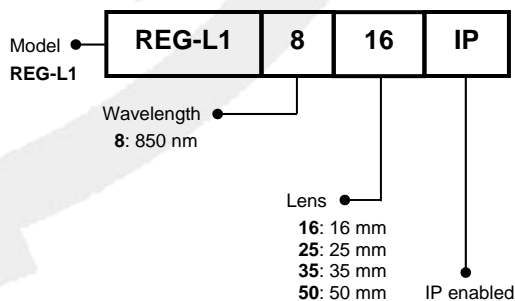
The DHC-Imaging™ technology in REG-L1-IP captures plates from vehicles moving at up to 100mph under any lighting conditions including highbeam headlight glare. i³ design enables the camera to integrate instantly with existing IP network infrastructure.



Specifications

REG-L1-IP License Plate Capture with DHC-Imaging™ and IP Infrared Imaging				
General Specifications				
Sensor	1/2" SX800 Interline LXR CCD			
Resolution	600 TVL			
Effective Pixels	EIA: 811 (H) x 508 (V)			
S/N Ratio	Greater than 48dB			
Video Output	High-contrast, 1 V p-p @ 75 ohm			
Sensitivity	Zero lux - works in total darkness			
Infrared Illumination	850nm			
LEDs	Metaphase-type LEDs, high-efficiency array			
Power Requirements	12VDC, 3.0A or 24VAC, 1.5A			
Power Consumption	Average: 24W (2A @ 12VDC) or 24W (1A @ 24VAC)			
Color	Black standard			
Construction	Robust cast and extruded aluminum, NEMA 4 compliant			
Operating Temperature	-50°C to 50°C -58°F to 122°F			
Environmental	Integral heater and sunshield			
Weight	4.8 kg 10.6 lbs			
Dimensions	383mm L x 154mm W x 283mm H 15.1" L x 6.1" W x 11.1" H			
Bracketry	Select from optional accessories			
Power Supply	Select from optional accessories			
Lens Selection				
Lens Options	16mm	25mm	35mm	50mm
Horizontal Field of View	22°	14°	10°	7°
Operational Range	12-22ft	20-34ft	27-48ft	40-68ft
IP				
Interface	Ethernet 10/100Base-T			
Protocols	TCP/IP, RTP/IP, UDP/IP, multicast IP, DNS, NTP, HTTP, FTP, DHCP client			
Security	SSL-based authentication			
Compression	MPEG-4 SP and MJPEG, up to 30 frames per second, dual-stream selectable			
Dual Stream	4CIF, 30 FPS and CIF, 15 FPS programmable			
Frame Rate	1-30 FPS programmable (full motion)			
Bandwidth	Configurable from 30 Kbps to 6 Mbps			
Connector	RJ45			

Part Numbers



Optional Accessories

REG-PS1	Power supply 120VAC to 12VDC or 24VAC
EXMB.028	Cable managed wall bracket (Must use with EXMB.015 for pole mount installation)
EXMB.029	U-Bracket
EXMB.015	Pole Mount Adapter
EXMB.017	Wall Mount Adapter
EXMB.061	Pole Top Bracket