HYPER-SENSE

LICENSE PLATE CAPTURE CAMERAS WITH HYPERSENSE TECHNOLOGY

Dedicated Micros' unique HyperSense technology is used in our cameras that are optimized to capture and record vehicle license plates. Available in both analog and IP models, Dedicated Micros' HyperSense license plate capture technology removes all unnecessary detail from a scene, including ambient light, leaving only the objects that strongly reflect the IR light emitted by the integrated invisible IR LED pulse. Completely eliminating glare from vehicle headlights and providing a crisp, clear image, Dedicated Micros HyperSense cameras speed up license plate character computation and increases read accuracy.

Ideal for deployment in a range of applications including toll booth and parking facility control, the series includes License Plate Capture cameras designed to capture only the plate detail of passing vehicles, and combined License Plate Capture/Overview cameras that associate color images of the vehicles with their license plates. IP versions include license plate capture software allowing analytics to be processed inside the camera.

AnalyticsCapable

FEATURES

Common Features

- Extruded aluminium housing, Weatherproof to IP66
- Integral LED array, 850nm pulse synchronized with camera
- Maximum illumination range of 65 feet

License Plate Capture Camera Features

- 18-50mm lens
- 1/3" digital image sensor
- Sensitivity 0 lux
- Resolution 480TVL

- 850nm IR pass filter
- DSP ambient light rejection

Overview Camera Features

- 18-50mm F1.6 lens with auto-iris
- Removable IR cut filter
- 1/3" digital image sensor
- Sensitivity 1.0 / 0.15lux (40 IRE)
- Resolution 540TVL
- Shutter speed 1/1000s

SPECIFICATION

	Analog			IP		
Part Code	PR-1850/N	PR-1850D/N		CMVU-PR1850	CMVU-PR1850D	
Camera Type	License Plate Capture	License Plate Capture	Overview	License Plate Capture	License Plate Capture	Overview
Image Sensor	1/3" Digital Image Sensor					
Resolution	480TVL	480TVL	540TVL	480TVL	480TVL	540TVL
Effective Pixels	720 (H) x 582 (V)	720 (H) x 582 (V)	752 (H) x 582 (V)	720 (H) x 582 (V)	720 (H) x 582 (V)	752 (H) x 582 (V)
Minimum Illumination	0 lux	0 lux	1.0 / 0.15 lux (40 IRE)	0 lux	0 lux	1.0 / 0.15 lux (40 IRE)
Video Output	1V p-p composite video via 75Ω BNC connector			-		-
Video Streaming	-	-		30pps @ 4CIF (NTSC)		
Moving IR Cut Filter	-	-	Yes	-	-	Yes
IR Pass Filter	850nm	850nm	-	850nm	850nm	-
Alarms	0	0		3	3	
Relays	0	0		1	1	
Focal Length	18-50mm					
Illumination	Synchronized Integral LED array (850nm)	Synchronized Integral LED array (850nm)	-	Synchronized Integral LED array (850nm)	Synchronized Integral LED array (850nm)	-
Illumination Range	65 feet (20m)	65 feet (20m)	-	65 feet (20m)	65 feet (20m)	-
Network Connectivity	-	-		RJ45 connector, 10/100 BaseT		
Supported Network Protocols	-	-		IP, TCP, UDP, TELNET, ICMP, HTTP, ARP		
HyperSense Software Included	No	No		Yes		
Voltage	24v AC 500mA			18v DC 1A / 24v AC 500mA / POE		
Power Consumption	6.5W (21W peak)			14.5W (30W peak)		
Operating Temperature	14° to +122°F (-10° to 50°C)					
IP Rating	IP66					
Dimension (HxWxD)	8.7" x 5.9" x 18.1" (222mm x 150mm x 460mm)					
Weight	12.8lbs (5.85kg)	13.5lbs (6.15kg)		13.3lbs (6.05kg)	13.11lbs (5.95kg)	
Enclosure	Extruded aluminium housing, Impact resistant polycarbonate window, Sunshield					
Finish	Alocrom pre-treated polyurethane powder coating, Ash Grey BS4800 00-A-01					
Warranty	3 Year Advanced Replacement					

Note: The IP version of our Hypersense camera includes the license plate capture software as standard. An AnalyticsCapable DVR will be required to operate the Analog Hypersense camera via the purchase of a software license. Contact our customer services team for more information.

PRODUCT CODES

LPC CAMERA, 480 TVL, 18-50MM, 24v AC 500MA	PR-1850/N
LPC CAMERA + OVERVIEW CAMERAS, 540 TVL, 18-50MM, 24v AC 500MA	PR-1850D/N
LPC NETWORK CAMERA, 540 TVL, 18-50MM, 18v DC 1A / 24v AC 500MA / POE INPUT INCLUDES SOFTWARE LICENSE	CMVU-PR1850
LPC NETWORK CAMERA + OVERVIEW CAMERA, 540 TVL, 18-50MM, 18v DC 1A / 24v AC 500MA / POE INPUT INCLUDES SOFTWARE LICENSE	CMVU-PR1850D