

HYPER-SENSE



ANPR OPTIMISED CAMERAS WITH HYPERSENSE TECHNOLOGY

Dedicated Micros unique HyperSense Technology has been used in our range of Automatic Number Plate Recognition (ANPR) Optimised cameras to capture and record vehicle licence plates.

Available in both analogue and IP models, Dedicated Micros unique HyperSense technology removes all unnecessary detail, including ambient light from a scene 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 ANPR optimised cameras speed up ANPR computation and increase read accuracy.

Ideal for deployment in a range of applications including Petrol Forecourt monitoring and Car Park Barrier control, the range includes dedicated ANPR cameras, designed to capture the plate detail of passing vehicles, and combined ANPR / Overview cameras, to associate colour images of the vehicles with their number plates.

FEATURES

Common Features

- Extruded aluminium housing, Weatherproof to IP66
- Integral LED array, 850nm pulse synchronised with camera

ANPR Camera Features

- 18-50mm lens
- 1/3" 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" sensor
- Sensitivity 1.0 / 0.15lux (40 IRE)
- Resolution 540TVL
- Shutter speed 1/1000s

BENEFITS

- Identify and record the licence plate details of all vehicles coming into, and/or leaving, a particular area irrespective of the lighting conditions.
- Ambient light removal means that even headlight glare will not degrade the image
- Ambient scene removal extracts unnecessary detail from the image, speeding up plate finding and improving accuracy
- Overview camera provides high resolution image for vehicle association
- Intelligent, IP Options preloaded with ANPR software allow analytics to be processed at the camera.
- Include ANPR into your existing NetVu Connected CCTV installation without the need to redesign or re-install the system.
- Combined with associated signage ANPR provides a visible deterrent to would-be offenders, for example drive-offs.

SPECIFICATION

	Analogue			IP		
Part Code	DM/PR-1850	DM/PR-1850D		DM/CMVU-PR1850	DM/CMVU-PR1850D	
Camera Type	ANPR	ANPR	Overview	ANPR	ANPR	Overview
Sensor	1/3" 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)
Sensitivity	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	-	-		25pps @ 4CIF (PAL)		
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	Synchronised Integral LED array (850nm)	Synchronised Integral LED array (850nm)	-	Synchronised Integral LED array (850nm)	Synchronised Integral LED array (850nm)	-
Illumination Range	20m	20m	-	20m	20m	-
Network Connectivity	-	-		RJ45 connector, 10/100 BaseT		
Supported Network Protocols	-	-		IP, TCP, UDP, TELNET, ICMP, HTTP, ARP		
ANPR Software Included	No	No		Yes		
Voltage	24Vac			18Vdc, 24Vac, PoE		
Power Consumption	6.5W (21W peak)			14.5W (30W peak)		
Operating Temperature	-10°C to +50°C					
IP Rating	IP66					
Dimension	460 x 150 x 222mm (L x W x H)					
Enclosure	Extruded aluminium housing, Impact resistant polycarbonate window, Sunshield					
Finish	Alocrom pre-treated polyurethane powder coating, Ash Grey BS4800 00-A-01					

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

* Enabled in future software release

To find your nearest Dedicated Micros office, please visit

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