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ParkIT

DIGITAL(IP) ACCESS CONTROL CAMERA
DESIGNED FOR LICENSE PLATE RECOGNITION

NEW GENERATION
ANPR/LPR CAMERA
FOR PARKING AND ACCESS CONTROL

ParkIT is a fully digital license plate recognition IP camera, created for parking applications and operations. As a compact camera, the ParkIT is comprised of a resistant single sealed waterproof enclosure with an IP67 rating. The camera includes a synchronized infra red (IR) LED illumination unit providing clear and sharp images during day and night. Its technical features include pan tilt, wall mounted brackets with hidden cabling, auto day & night switching, barrier control functions (trigger in/out) and many more. Access control (entry & exit) to restricted car park or vehicle storage areas, maximum stay car park management, pay-on-exit (POE) car park management, pay-on-foot (POF) car park management and security control or monitoring application areas can all benefit from the progressive capabilities of the ParkIT camera.

KEY FEATURES

- Built-in auto-setup functions to help easy integration and configuration
- IP camera with embedded web server, remote access from web browser
- Automatic brightness control optimized for license plate recognition
- IR LED illumination synchronized with the image capturing and control

MAIN BENEFITS

- Offering higher OCR accuracy in license plate recognition based systems
- Installing quickly on-site: the camera is connected directly with the barrier control and trigger
- Installing easily, P&P, auto set-up wizard for easy configuration

PARKING REVENUE SYSTEMS	ACCESS CONTROL	AIRPORT AND HARBOR LOGISTICS	TRAFFIC SECURITY MONITORING	BUS LANE – AND RED LIGHT ENFORCEMENT	BORDER CONTROL	COMMERCIAL VEHICLE APPLICATIONS

SPECIFICATIONS

PARKIT

IMAGING

	WVGA CAMERA	1.3MP CAMERA
Resolution (H × V pixels)	752 × 480	1280 × 960
Sensor	B&W, Progressive scan CMOS 1/3"	Color, Progressive scan CMOS 1/3"
Max Frame Rate (at all resolution)	60 frames/sec	45 frames/sec
Exposure Control	Global shutter, software adjustable 1/100 s – 1/30000 s	Rolling shutter, software adjustable 1/100 s – 1/30000 s
Output Format	JPEG, MJPEG stream	JPEG, MJPEG stream
JPEG Quality	Adjustable between 10 % – 80 %	Adjustable between 10 % – 80 %
Day/Night Mode	Configurable day/night mode switching	Configurable day/night mode switching

LENS

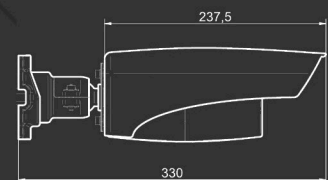|	WVGA CAMERA	1.3MP CAMERA
Lens Type	5.2 – 58.8 mm with high precision motorized positioning	
Iris	Automatic motorized, programmable	
Focus	Automatic motorized, programmable	
Zoom	Automatic motorized, programmable	
Optical Filter	Fixed, IR pass above 720 nm	Switchable: None / IR cut above 850 nm
Recommended ANPR Range	3 m – 12 m (10 feet – 40 feet)	

PROCESSING & I/O

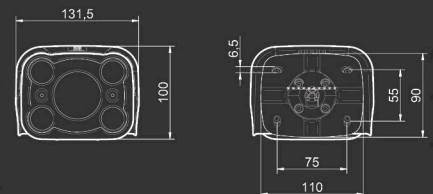|	WVGA CAMERA	1.3MP CAMERA
CPU	400 MHz DSP with image processing chip (X9)	500 MHz DSP with image processing chip (X25)
Operating Memory	64 MB	
Storage Memory	256 MB	
Operating System	ucLinux	
Communication Protocol	ARP, ICMP, TCP/IP, DHCP, NTP, FTP, HTTP, SMTP, RTP	
Communication Interface	RJ45, 100Mbit/sec, Ethernet	

ELECTRICAL DATA

	WVGA CAMERA	1.3MP CAMERA
Input Voltage	11 V – 15 V DC	
Basic Power Consumption	12 W	14 W
Power Consumption With Heating	No Additional Internal Heating	
Conformity	CE, RoHS, FCC	
I/O ports	Opto Isolated In/Out, RS232	
Junction Box	Optional	

MECHANICAL DATA

	WVGA CAMERA	1.3MP CAMERA
Operating Temperature	-20 °C – 55 °C (-4 °F – 130 °F)	-20 °C – 40 °C (-4 °F – 104 °F)
Startup Temperature	Over -20 °C (-4 °F)	
IP rating	IP65	
Dimensions (L × W × H)	328 mm × 132 mm × 100 mm (12.91" × 5.2" × 3.94")	
Weight (without bracket)	1.6 kg (3.5 lbs)	
Weight (bracket)	0.6 kg (1.32 lbs)	
Housing Material	ABS	
Housing Color	UN5030 blue / Optional Custom	
Shield Color	RAL 9003 / Optional Custom	

ILLUMINATION

	WVGA	1.3MP
Type	High power IR LED, regulated	
IR Wavelength	850 nm	
Number of LEDs	4	
Intensity	3 preconfigured modes (low, medium, high)	Fixed (On/Off)
Flash Time	Software adjustable, up to 950 µs	Continuous

Technical specifications are subject to change without prior notice. This document does not constitute an offer.

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