ARH

ParkIT® Camera

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

NEW GENERATION ANPR/LPR CAMERA FOR PARKING AND ACCESS CONTROL

ParkIT® Camera is a fully digital number plate recognition IP camera, created for parking applications and operations. As a compact camera, ParkIT® Camera is comprised of a resistant single-sealed waterproof enclosure with an IP65 rating. The camera includes a synchronized infrared (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.

ACCESS CONTROL
BORDER CONTROL
LOGISTICS
PARKING SYSTEMS
RED LIGHT ENFORCEMENT
TRAFFIC MONITORING

MAIN BENEFITS

- Easy P&P installation, auto-setup wizard for simple configuration
- IP camera with embedded server for remote web access
- Automatic brightness control optimized for vehicle plate recognition
- IR LED illumination synchronized with image capturing and control
- Direct connection to barrier control and trigger

ParkIT CAMERA

TOWARD THE FUTURE IN SAFETY – SINCE 1991

ADDRESS: ALKOTAS UTCA 41, H–1123 BUDAPEST, HUNGARY, EU
PHONE: +36 1 201 9650 • FAX: +36 1 201 9651 • EMAIL: SENDINFO@ARH.HU
WWW.ARH.HU

SPECIFICATIONS

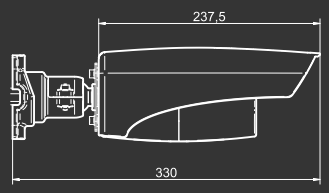
ParkIT® Camera

ParkIT® Camera's features include pan & tilt wall-mounted bracket with hidden cabling, auto day & night switching, barrier control functions (trigger in/out) and many other options. Access control (entry/exit) to restricted parking or vehicle storage areas, maximum-stay-parking, pay-on-exit (POE), pay-on-foot (POF) parking management and security control or area monitoring application can all benefit from the customizable options of ParkIT® Cameras.

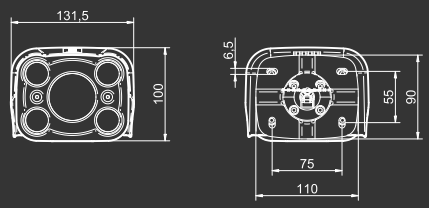
IMAGING	WVGA CAMERA	1.3MP CAMERA
Resolution (H × V pixels)	752 × 480	1280 × 960
Sensor	B&W, Progressive scan CMOS 1/3"	Color, Progressive scan CMOS 1/3"
Max Frame Rate (at all resolution)	60 frames/sec	45 frames/sec
Exposure Control	Global shutter, software adjustable 1/100 s – 1/30000 s	Rolling shutter, software adjustable 1/100 s – 1/30000 s
Output Format	JPEG, MJPEG stream	JPEG, MJPEG stream
JPEG Quality	Adjustable between 40 % – 90 %	Adjustable between 40 % – 90 %
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: All pass / 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	

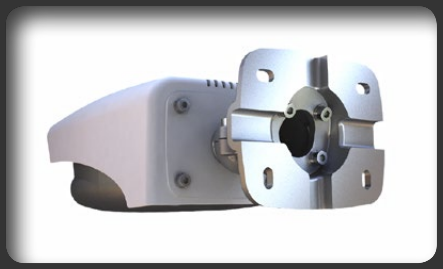


ELECTRICAL DATA	WVGA CAMERA	1.3MP CAMERA
Input Voltage	11 V – 15 V DC	
Basic Power Consumption	12 W	14 W
Power Consumption With Heating	No Additional Internal Heating	
Conformity	CE, RoHS, FCC	
I/O ports	Opto Isolated In/Out, RS232	
Junction Box	Optional	



MECHANICAL DATA	WVGA CAMERA	1.3MP CAMERA
Operating Temperature	-35 °C – 55 °C (-31 °F – 130 °F)	-35 °C – 40 °C (-31 °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	ASA LI 12	
Housing Color	UN9003 gray / Optional Custom	
Shield Color	RAL 7021 / 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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