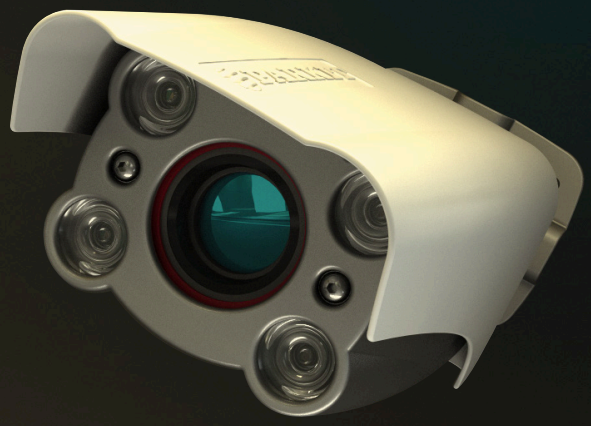
TRAFFIC MONITORING CAMERAS



PARKIT
ANPR CAMERA

The performance of your ANPR system starts at the input image quality. **Don't make compromises.**

Make your parking and vehicle access control systems more secure with a tailor-made license plate recognition camera. Using license plate data, you can control the entry/exit process by automatically opening barriers, create a plate-based payment system or enhance the security of any drive-through application.

If you have ever worked with ANPR, you already know how to make the most of the perfect recognition engine: one should feed the system with proper input images of the controlled vehicles. That's what ParkIT camera is built for: to supply the best images for your ANPR system, hence maximizing its capabilities and making it easier to get a good return on investment (ROI) without sacrificing quality or accuracy.

The ParkIT access control camera will easily become your parking and gatekeeper administrator, as it is convenient to install and works plug & play with connected systems. It is rich in handy features like auto brightness, automatic day/night switch, synchronized infrared illuminations – all these for the sake of ANPR: to produce the best input for your ANPR system.

Main benefits

- Imaging optimized for license plate reading
- Remote web access via embedded webserver
- Enhanced imaging with integrated and synchronized IR LED illumination
- Prompt triggering by video-based motion detection algorithm
- Trigger input capabilities
- Optimized for complete vehicle access control solutions (like ParkIT System®)

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ParkIT

Specifications

• Easy integration • Auto-setup wizard • Built-in barrier/gate control • I/O connection • IR/white illumination • Web access

	ParkIT Camera WVGA	ParkIT Camera 3C
Production Code	ParkITCAM-01-1150	ParkITCAM-01-7250 (IR850) ParkITCAM-01-7254 (white)

Distance range

Optimal ANPR range at ambient light	4 m – 20 m (13 feet – 65 feet)	
Maximal ANPR range at optimal conditions	30 m (100 feet)	50 m (164 feet)

Imaging

Resolution (H × V pixels): frame rate	752 × 480: 60 fps	2048 × 1536: 25FPS
Day mode / Night mode	Light sensor configurable auto-switching day/night mode	
High Dynamic Range mode (HDR)	Included	
Lens	11× automatic, motorized	

Illumination

Wavelength	850 nm (infrared)	850 nm (infrared) or white
Illumination modes	Synchronized flash	Continuous

Electrical data

Power requirement	11 – 15 V DC	
Power consumption (typical)	7 W	8 W
Connectivity	Opto Isolated In/Out, RS232	

Mechanical data

Operating temperature	-20 °C – 70 °C (-4 °F – 131 °F)*
IP rating	IP65
Dimensions (without bracket) L × W × H	238 mm × 132 mm × 100 mm (9.4" × 5.2" × 3.9")
Weight (without bracket)	1.2 kg (2.7 lbs.)
In the box	Camera with data cable, power cable, user cable, bracket and shield

On-board intelligence

CARMEN® ANPR	–
Video Analytics (Motion Detection, Private Zones)	Included
Trigger sources	GPIO / UART / Software trigger (controlled via HTTP or HTTPs request)

Processing & I/O

CPU for ANPR	–
Communication protocols	ARP, ICMP, TCP/IP, DHCP, NTP, FTP, HTTP, SMTP, RTP

Optional accessories

Junction box for ParIT

*internal temperature / ambient temperature: max. 40 °C / 55 °C (104 °F / 131 °F)