

IDCam ANPR Camera



Camera

Shutter Speed:	1s to 1/100,000 s
Angle Adjustment:	Bracket, pan:0° to 355°, tilt: 0° to 90°, rotate: 0 to 360°
Lens & Aperture:	8 to 32mm, F1.6
Field of View:	Horizontal 42.5° to 13.4°, Vertical 23.4° to 7.7°, Diagonal 49° to 15.3°
Focus options:	Auto, semi auto, manual
Night Illumination:	IR illumination, up to 100m, 850nm
Internal Storage:	High endurance SD card (256Gb)
Blacklist and Whitelist:	Max. 10,000 records
ANPR Accuracy:	Capture rate > 98% Vehicle moving direction recognition accuracy > 96% Mistaken capture rate < 2% (entrance/exit), < 5% (checkpoint)

Control Module

Enclosure:	Compact & rugged outdoor housing (IP67 rated)
Communication:	4G/Wifi modem configured for Vodafone IOT Sim
Antennas:	External booster antennas
Power options:	Solar or 5V / 12V Mains power options available
Operating temperature:	-40°C to +85°C
Battery:	Lithium-Ion battery, very high capacity (596Wh, 10.8V, 55.2Ah)
Charging:	Proprietary super charging technology
Cloud reporting:	Key metrics include battery voltage, battery power flow, modem signal strength and internal ambient temperature

Solar Panel

Peak power:	100W
Max power voltage:	18.3V
Open circuit voltage:	22.5V
Max Power current:	5.46A
Weight & Dimensions:	6.92kg, 945mm x 670mm x 35mm

INSTALLATION

The camera, control module and solar options are all designed to be mounted securely to a galvanised steel pole (or similar) using their accompanying brackets. This should be done by a trained and approved iDefigo installer.