

iDCam Pro Camera

TECHNICAL PARAMETERS

Movement detection radius:	35 m day or night
Motion detection angle:	14° vertical and 50° horizontal angle
Minimum time between alarms:	1sec. User can define longer delay with the Handheld device.
Operating temperature:	-40°C to +55°C

CAMERA

Image capture:	0.5 sec
Image capture speed:	2 FPS
Memory:	NAND Flash 8 GB. Capacity 2000+ pictures.
Stored image size:	4 MB Sent image size configurable.
Day resolution:	Color HDR 2048 x 1536 (QXGA)
Night resolution:	Monochrome HDR 1280 x 960 (SXGA)
Horizontal angle (day):	71°
Horizontal angle (night):	65°
Infrared flash:	940 nm
Minimum illumination:	0.1 lux

DIMENSIONS & DURABILITY

Battery lifetime:	1 year or up to 50,000 photos
Battery:	Li-Ion 3 7V 10400 mAh.
Enclosure:	weather proof (IPx7)
Detector weight:	700 g
Detector size:	8.5 x 12 x 10 cm

COMMUNICATION

Range:	up to 500 m line of sight.
Standard:	IEEE 802.15.4 (2.4 GHz)
Bandwidth:	2 MHz
Data rate:	250 kbps
Modulation:	QPSK
Antenna:	omnidirectional
EIRP:	configurable up to 12dBm
Security:	Elliptic Curve Cryptography (secp16r1) authentication & encryption (AES 128)
Multi hop:	transmission supported.

INSTALLATION

A screw or wire fastener is used to install the Camera.

