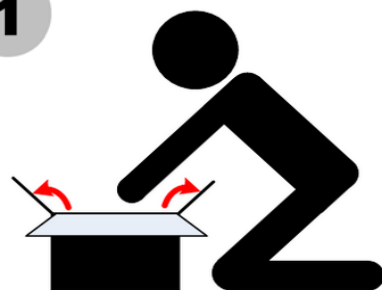


Open the box

1

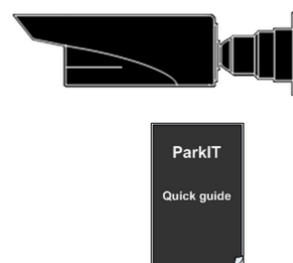


- Open the top of the box.
- Unpack the camera on soft ground to avoid scratching the hardware.

- Make sure that the package is lying on a flat and solid surface.
- Unpack the package only in dry environment, within the storing temperature range of the camera: -35°C to +55°C (-31° F to 130° F).

Check package contents

2



- All-in-One ParkIT camera pre-assembled with Ethernet and Power/Trigger/Serial cables and installed wall mountable bracket in an IP65 class weatherproof housing:

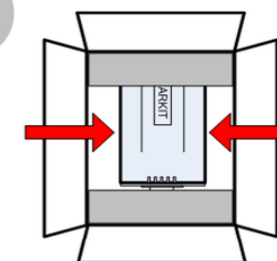
- Ultra-low lux B&W camera equipped with IR pass filter
- Motorized zoom, focus and iris
- Built-in infrared illuminator unit with four high power SMD LEDs synchronized with the camera, adjustable illumination intensity

- Printed quick install guide

- Never use the camera without its sunshield.
- Avoid scratching the camera front during unpacking.

Take the camera out of the package

3



- Grab the camera by its body and lift it out of the package.
- The camera is wrapped in protecting bubble wraps.
- The camera is pre-assembled with its bracket, sunshield and two cables.

For installation details see ParkIT Install Guide.

Mount and adjust position

4



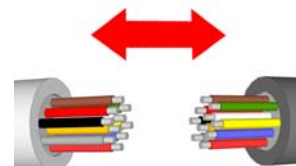
- Mount the camera by the four holes located on the camera bracket. The camera can be mounted on different surfaces. Loosen both screws fastening the ball joint to adjust the bracket cover. Aim the camera approximately to the target area then fasten the screws back. For more information see ParkIT Install Guide Page 6.

- Use appropriate screws according to the mounting surface to secure the camera position.
- Consider the weight of the camera (4.85 lbs (2,2 kgs)) when choosing screw lengths.
- Do not overtighten the screws.

Connect the wires

5

- Connect and fix the wires you intend to use and seal the rest.
- Use proper power input: 12-15V DC.

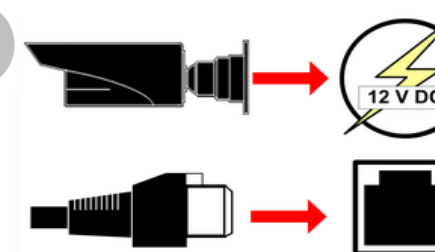


DC in	.....	Black
DC in +	.....	Red
Opto in +	.....	Brown
Opto out -	.....	Red
Opto out +	.....	Grey
Opto in -	.....	Orange
Serial TX	.....	White
Serial RX	.....	Green
NC (no connect)	.....	Yellow
Serial GND	.....	Blue

- Failures due to improper cabling voids the warranty!
- Avoid accidental contacting of the end sleeves. It may cause permanent damages.
- Camera cables are not waterproof! Protect them from water to avoid damaging the camera!
- Do not bend the cables sharply.
- Consider voltage drop if you use long cables.
- The serial port of the camera complies with the RS 232 standard.

Connect to PC or network switch and power on

6



- Connect the Ethernet plug of the camera to a PC or network switch. The camera is equipped with a CAT5 UTP crossover cable with RJ45 plug. It can be connected both to PCs and network switches directly.
- The length of the cable can be extended with e.g. inline couplers.

- Power on the camera only if the ambient temperature reaches the camera's startup temperature of -20 ° C (-4 ° F).
- 10/100Mbit Ethernet card is required for the operation of the camera.

CAUTION Set IP and check communication Start browser and connect to camera Configure the camera



The camera emits invisible, high power infrared light. Do not look into the light directly to avoid the risk of eye damage!

7



- Set your computer's IP address to 192.0.2.x where x is an integer number between 1 and 254 **except 3** and your subnet mask to 255.255.255.0. For more information see ParkIT Install Guide.
- After the IP has been set, use the ping command to test the communication with the camera (ping 192.0.2.3).

- The camera supports Windows and Linux operating systems.
- To alter the IP address of your computer administrator privileges are necessary.
- If no reply is returned after entering the ping command then power off then on the camera and enter the ping command again.

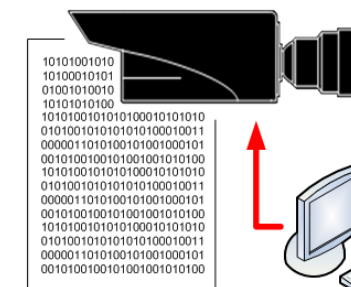
8



- Type the default IP address of the camera (192.0.2.3) into the browser's address bar.
- Recommended browser for the camera is Mozilla Firefox.

- To enable all camera functions, enable (and update) JavaScript and ActiveX controls in your browser.

9



- Changing the default IP address of the camera is recommended to avoid IP address conflict (e.g. when installing more ARH cameras in the same network).

- Configure the camera easily (for license plate recognition) with the help of the configuration wizard covering the following setups: Network setup, time and date settings, camera task selection, configuration of image properties, autozoom and autofocus, event managing and profile settings. For more information on the Wizard, see ParkIT User's Manual.