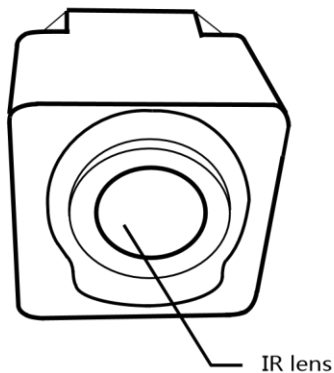
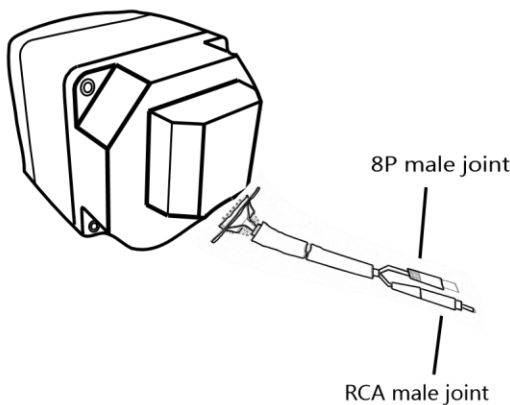


Component Guide

A Front View

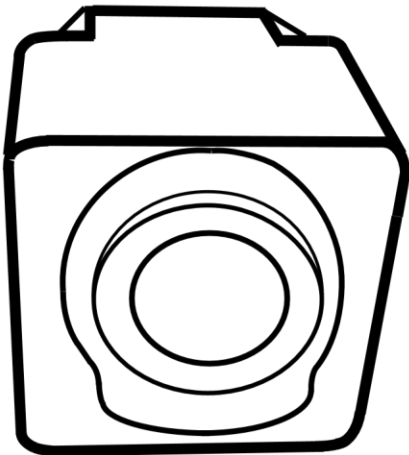


B Back View



B 8P male joint definition

Serial Numbel	Pin Definitions
1	Load Control Program
2	Power ground and serial ground
3	RS232-RXD
4	RS232-TXD
5	Power source
6	LVDS-GND
7	LVDS+
8	LVDS-



Using the camera

1. Connect the Video Output to the car LCD display or optional LCD display.
2. Connect the power cable to the 8-18V DC power supply.
3. Turn on the LCD display, you can see the thermal image.

How to use the WiFi?

1. Download the professional APP to your tablet PC or cell phone.
2. Turn the camera on, and connect the tablet PC or cell phone to the camera's WiFi. The name is La moon xxxx.
3. Click the APP, you will see a disclaimer, please choose "Accept". Then you can see the infrared image.
4. Pressing the screen for 3 seconds, you will see a menu that you can operate. Pressing for 10 seconds, you will see a number on screen and you can adjust the prompt box on the screen.

Trademark Acknowledgments

- SATIR is a trademark of SATIR Ltd.
- Other names and products not mentioned above may be registered trademarks or trademarks of their respective companies

Copyright © 2015 SATIR Ltd. All rights reserved.

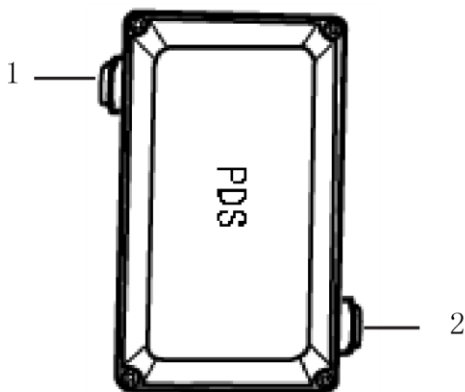
2

4

Specification

Detector	UFPA, microbolometer
Resolution	384×288
Wavelength	8~14 um
FOV	28° (Level) ×21° (Vertical)
Focus	Auto (25m~∞)
Identification distance	(Man : 1.7m×0.5m) ≥110m
	(Car : 2.3m×2.3m) ≥300m
	<small>Note: The identification distance will vary due to operator's experience, display devices, thermal imager parameter settings and climatic environmental conditions.</small>
Digital output	LVDS (optional)
Video output	PAL (50Hz) or NTSC (60Hz)
Connector Type	RCA (video) ,8P (data)
Automatic heating	Starts when temp. below 5 °C
Power supply	DC 8V ~18V
Power consumption	Under normal steady-state : ≤3.6W
	Maximum (heating) : ≤10W
Working Temperature	-40°C ~80°C
Encapsulation	IP69K
Vibration	2G (10~100Hz)
Shock	25G
Weight	400g
Camera size (L*W*H)	57.5mm×57.5mm×81.5mm

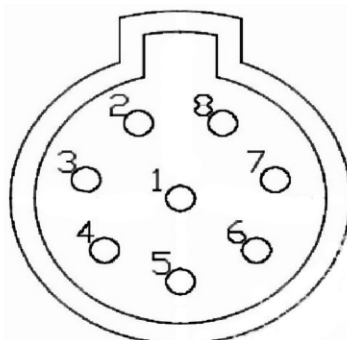
C PDS module



1. The interface of the PDS connected to camera
2. Power input, Video output, Audio output

Interface description

A 8P male joint



1

3

Manufacturer Information

SATIR Europe (Ireland) Co. Ltd  
 Marley's Business Park  
 Marley's Lane  
 Drogheda  
 Co. Louth  
 Ireland

TEL: +353 (0)41 9844371  
 URL: www.satir.com  
 E-Mail: service@satir.com

Statement

This manual supplied installation specification but not legal document. SAT, and SATIR and its subsidiaries and Affiliates and its distributors are not responsible for any loss or damage of you and your property due to content misunderstanding, non-operation and system obstructer by the user. We remain the right to revise the manual prior notice.

Before you try to shoot important subjects, we highly recommend that you use the camera with your siécle to confirm that the IR camera is operating and being operated correctly. We advise you to check your camera weekly and have it examined.

Safety Precautions

Before using the camera, please ensure that you read and understand the safety precautions described below.

Always ensure that the IR camera is operated correctly. The safety precautions noted on the following pages are intended to instruct you in the safe and correct operation of the IR camera and its accessories to prevent injuries or damage to yourself, other persons and equipment.

Warnings

Do not attempt to disassemble or alter any part of the equipment that is not expressly described in this guide

Stop operating immediately if it emits smoke or noxious fumes. Failure to do so may result in fire or electrical shock. Immediately turn the IR camera's power off, remove the IR camera battery or unplug the power cord from the power outlet. Confirm that smoke and fume emissions have ceased.

Stop operating immediately if it is dropped or the casing is damaged. Failure to do so may result in fire or electrical shock. Immediately turn the IR camera's power off, remove the IR camera battery or unplug the power cord from the power outlet.

Do not use substances containing alcohol, benzene, thinners or other flammable substances to clean or main the IR camera. The use of these substances may lead to fire.

Remove the power cord on cigarette lighter from the car and wipe away the dust and dirt that collects on the plug, the exterior of the power outlet and the surrounding area.

In dust, humid or greasy environments, the dust that collects around the plug over long periods of time may become saturated with humidity and short-circuit, leading to fire.

Do not cut, alter or place heavy items on the power cord. Any of these actions may cause an electrical short circuit, which may lead to fire or electrical shock.

If your camera is used for prolong periods, the IR camera body may become warm.

Do not aim the IR camera directly into the sun or at other intense heat source which could damage the Detector of the IR camera.