



Workswell SMARTIS-FS

Quick Start Guide

Package Content

Confirm that the package contains the items listed below and can be extended by additional accessories such as temperature filter, lens etc.

- SMARTIS infrared camera – 640 or 336px camera head
- One specific lens mounted on the camera
- Standard Calibration certificate
- Quick start guide
- Download Card

What else do you need?

Before you start using your Workswell SMARTIS-FS infrared camera, make sure that you have all the equipment listed below to hand.

- Pigtail power supply cable (100 to 240 VDC, 0,5 A)
- Ethernet UTP cable
- M12-8P cables for connect Digital outputs, Analog outputs or Digital triggers
 - these cables are available on the link below:

<https://www.sick.com/cz/en/dol-1208-g02mc/p/p321150>

User Manual

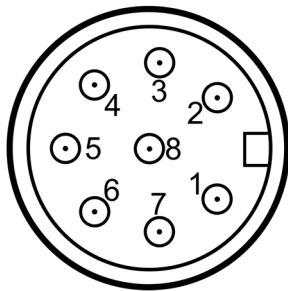
User Manual is available in electronic form on the website:

<https://www.workswell-thermal-camera.com/thermal-imaging-camera-smartis-fire-safety/>



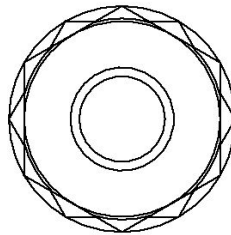
SMARTIS inputs and outputs

DIGITAL TRIGGERS

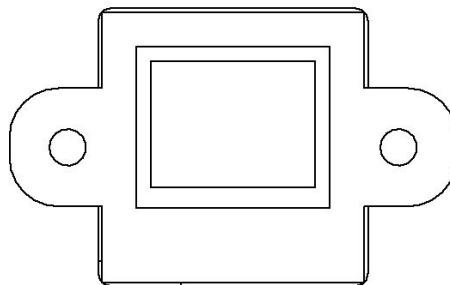


- 1 - IN 0
- 2 - GND
- 3 - IN 1
- 4 - GND
- 5 - IN 2
- 6 - GND
- 7 - IN 3
- 8 - GND

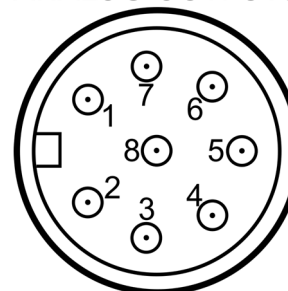
Cable gland



RJ45

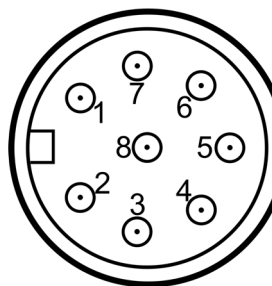


ANALOG OUTPUTS



- 1 - A0+
- 2 - A0-
- 3 - A1+
- 4 - A1-
- 5 - A2+
- 6 - A2-
- 7 - A3+
- 8 - A3-

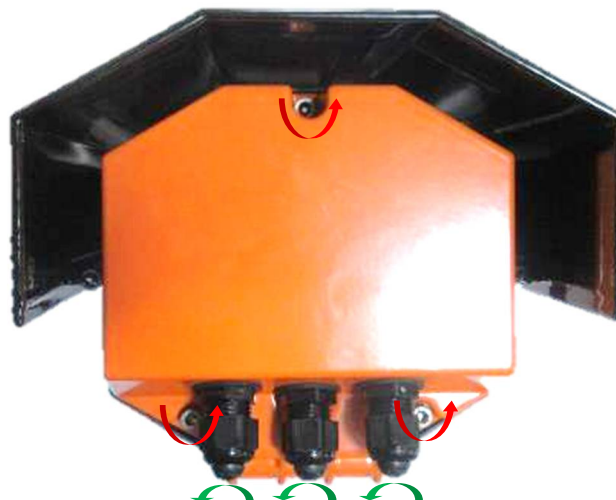
DIGITAL OUTPUTS



- 1 - OUT 0
- 2 - OUT 1
- 3 - OUT 2
- 4 - OUT 3
- 5 - OUT 4
- 6 - OUT 5
- 7 - OUT 6
- 8 - GND

Connect the SMARTIS FS camera

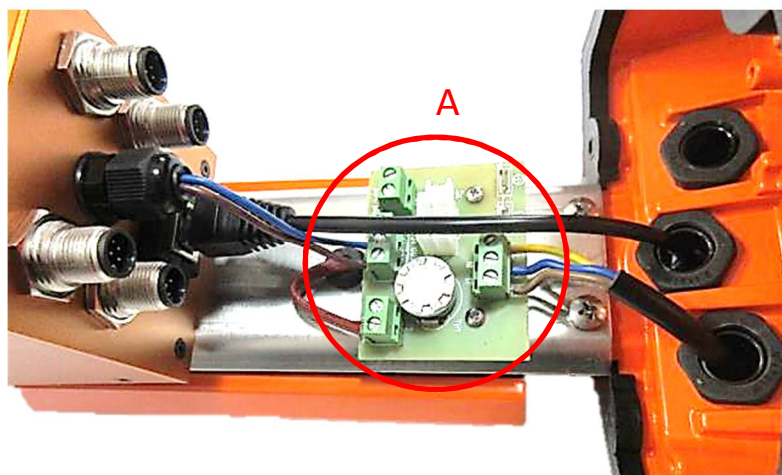
- 1) First unscrew the 3 screws of the rear part of HTG housing
- 2) The cable glands that we will need to use must be enabled and the blind flangs can be removed.



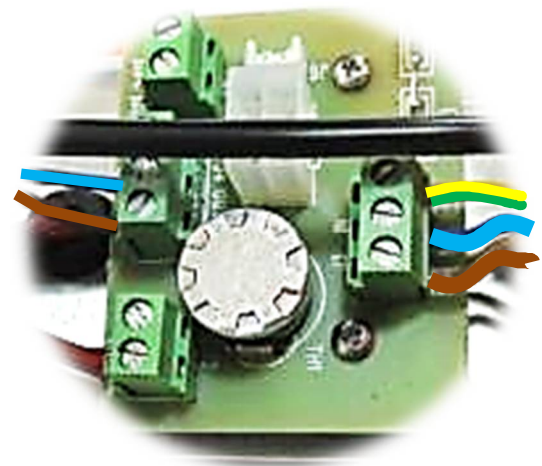
3) Power, ethernet, and other cables that we use must be passed through the cable glands.



4) The pigtail power cable connect to the clip on PCB board according the picture below.



Detail A



5) The Ethernet UTP cable connect to the RJ45 canector on the camera
6) The M12-8pin cables connect as needed



Focusing the infrared camera

Short distance



Long distance



First connection

1. Connect SMARTIS to Power Supply.
2. Connect your SMARTIS to your PC Ethernet port.
3. Set your computer IP address as static:

How to set up a static IP address on your PC is available at the following link:

<https://www.howtogeek.com/howto/19249/how-to-assign-a-static-ip-address-in-xp-vista-or-windows-7/>

- a. IP address: 10.0.0.1
 - b. Netmask: 255.255.255.0
4. Connect to SMARTIS with web browser at <http://10.0.0.225/>
 5. Log in as *Admin*, password 1234



Unplug your SMARTIS from power supply.





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