Quick Start Guide

Release date: 18\textsuperscript{th} of November, 2019
End users Validity date: till next revision
Revision Number: 1.2
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 – 640/336 px model
- One specific lens mounted on the camera with protection glass cover
- Standard Calibration certificate
- 1x Power supply cable 5-pin (2 meters)
- 1x Analogue & Digital IO cable 8-pin (2 meters)
- 1x Ethernet UTP5 cable (2 meters)
- Quick start guide
- Administrator Key Card
- Download Card
- Hard transport case
What else do you need?

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

- Power source (18 to 36 VDC, 2 A)
- Ethernet UTP CAT5 cable

User Manual

User Manual is available in electronic form on the website:

https://www.workswell-thermal-camera.com/thermal-imaging-camera-smartis-industrial
**SMARTIS Input/Output Interface**

**POWER SUPPLY**
- 1 - VCC
- 2 - VCC
- 3 - GND
- 4 - GND
- 5 - NC

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

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

**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

- **Power Supply Cable Connection:**
  For power supply, connect the 5-pin cable to the power supply connector. The 8-pin cable is used as needed for digital outputs, analog outputs, or digital triggers.
- Ethernet UTP5 Cable Connection:

Remove the CAP

Connect the UTP cable
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:


   a. IP address: 10.0.0.10
   b. Netmask: 255.255.0.0

4. Connect to SMARTIS with web browser at:
   a. For FW version 1.1.6 and lower use: [http://10.0.0.225/](http://10.0.0.225/)
   b. For FW version 1.1.7 and higher use: http://10.0.XX.YY where XX and YY are derived from the serial number of your SMARTIS. XX are first two numbers and YY are second two numbers. (For example camera with the serial number 1001 has factory default IP address 10.0.10.01)

5. Log in as Admin:
   a. For FW version 1.1.6 and lower use: 1234
   b. For FW version 1.1.7 and higher use: Administrator Master Key. This key was delivered and printed on special Administrator Master Key card. If you lose this key, please contact support@workswell.eu. You can also

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