

## THERMAL IMAGING CAMERA TIC

ORL0103742

Thermal imaging camera TIC RS232 sst

- Temperature range -40 °C...+85 °C
- Filled with nitrogen, watertight IP69K
- Shock and vibration resistant



### PRODUCT DESCRIPTION

The OrLaco TIC Camera is a sturdy night vision camera. This camera can be used in serial vision solutions on vehicles and vessels. The camera is shock and vibration-proof, filled with nitrogen, 100% waterproof, has heated lens glass and provides the best possible image in all weather conditions. The camera has Uncooled LWIR Thermal Imager 336x256 VOx microbolometer technology and a 9Hz frame rate.

The Wide Field Of View (WFOV) 24° x18° thermal Imaging camera is available in an aluminum as well as a stainless steel version. Both versions are suitable for OrLaco Standard RS232 (Pelco-D/Visca) communication. You can communicate with this camera from a serial OrLaco monitor. You will need a serial OrLaco monitor to do so. Other than connecting it directly to a serial OrLaco monitor, there are many other options for controlling and connecting it to third-party systems.

Technical specifications:

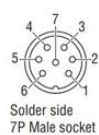
- Input voltage 12...30V/DC
- Connector OrLaco 7-pins male (0103732)
- Cable Including Multi cable
- Vibration resistance 50G
- Protection class Watertight IP69K
- Operating temperature -40°C to +85°C
- Dimensions 260 x 140 x 122mm (without bracket)
- Weight 2,6kg (aluminium version), 5,1kg (stainless steel version)

### SPECIFICATIONS

Cable length	5100 mm
IP Class	IP68, IP69K
Material	Stainless steel 304
Supply Voltage DC Max	30 V DC
Supply Voltage DC Min	12 V DC
Temperature range from	-40 °C

Temperature range to

85 °C

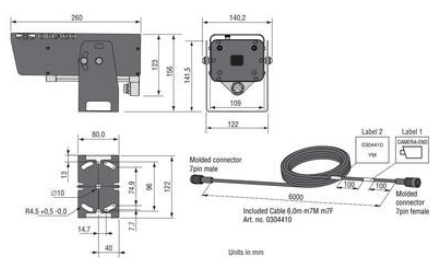


Solder side  
7P Male socket

**Electrical connections.**

1 = Coax core	Video
2 = Coax shielding	Video GND
3 = Red	Camera power, 12...30V/DC
4 = Black	Camera 0V
5 = Yellow	Serial TX
6 = Orange	Serial RX
7 = Grey	N.C.
Shielding	GND

**Dimensions**



Units in mm