

## THERMAL IMAGING CAMERA TIC

ORL0103732

Thermal imaging camera TIC RS232 ALU

- 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.

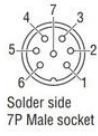
The Wide Field Of View (WFOV) 24° x18° thermal Imaging camera is available in an aluminum as well as a stainless steel version. Both versions are suitable for Orlaco Standard RS232 (Pelco-D/Visca) communication. You can communicate with this camera from a serial Orlaco monitor. You will need a serial 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

<b>Cable length</b>	6000 mm
<b>IP Class</b>	IP68, IP69K
<b>Material</b>	Anodized aluminum
<b>Supply Voltage DC Max</b>	30 V DC
<b>Supply Voltage DC Min</b>	12 V DC
<b>Temperature range from</b>	-40 °C
<b>Temperature range to</b>	85 °C

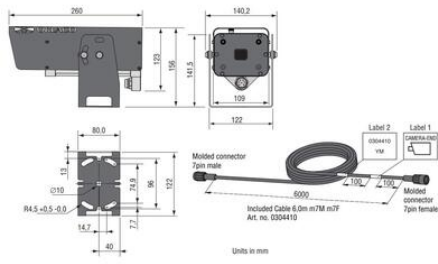


Solder side  
7P Male socket

**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