

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.

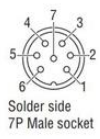
The Wide Field Of View (WFOV) 24° x18° thermal Imaging camera is available in an aluminum as well as a stainless steel version. Both versions are suitable for OrLaco Standard RS232 (Pelco-D/Visca) communication. You can communicate with this camera from a serial OrLaco monitor. You will need a serial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

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

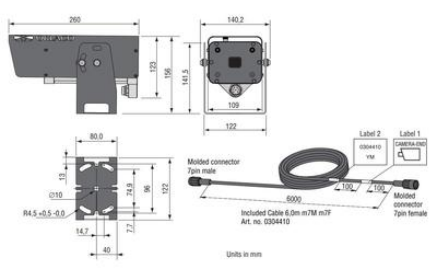


Solder side
7P Male socket

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