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) 24º x18º 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 -40ºC to +85ºC
- 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
Temperature range to	85 °C

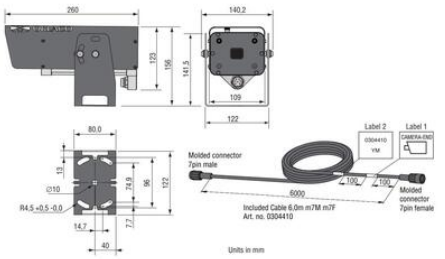
Electrical connections.



Solder side
7P Male socket

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