Vision is
our mission®

Product Data

Dimensions

188

40,5 ∅7 (4x)

30

64

∅64,5

120

97,6

6000

98,3

49,1

89,6

units in mm

R = 50

Min. bend radius= 50mm

ORLACO
S p e c i a l i s e d   C a m e r a   S o l u t i o n s

ISO/TS 16949
ISO 9001
ISO 14001

CE

E4
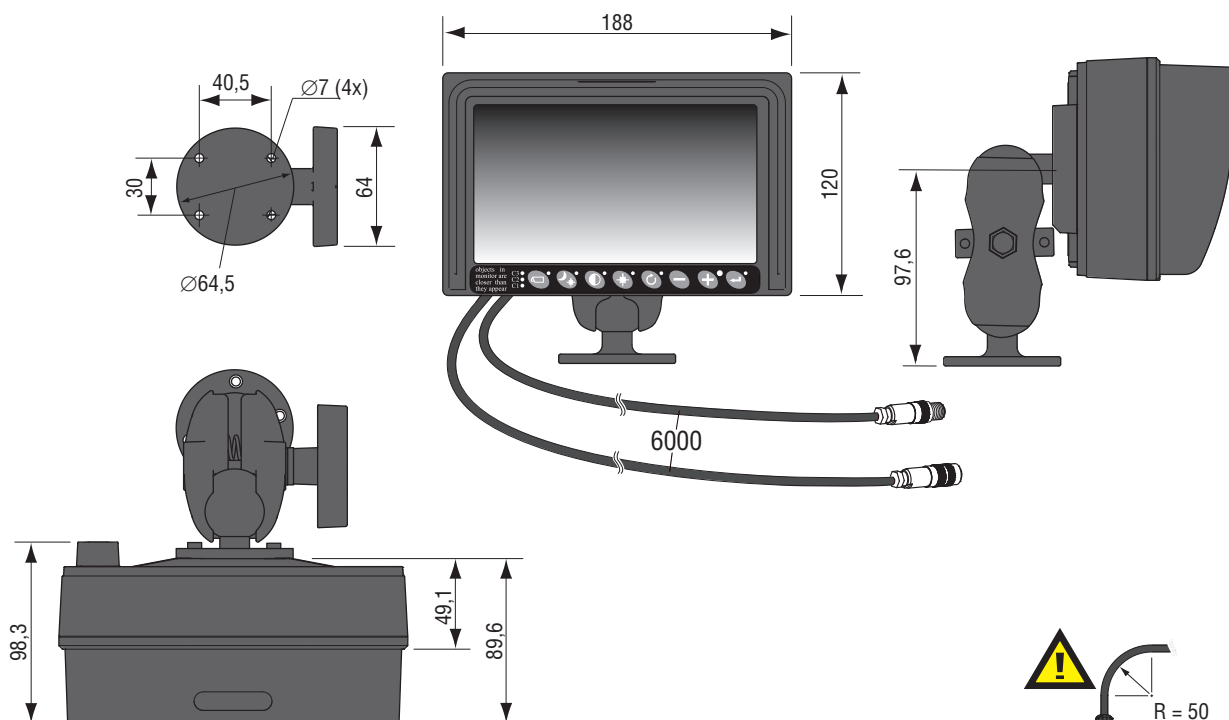
Monitor 7" RLED Serial R6B

Description

Article number	**0208622**
Cables / Connectors	6m multicable (power) with 8p male CE 423 connector, 6m multicable (video) with 7p female IP67 Gold 423 connector. Art. No. Total: 8976250
Bracket	A clamping user-adjustable mounting bracket is supplied. Art. No. : 2015500
Weight	1,9kg (Monitor, bracket, cables and connectors)
Type	Automotive 7inch TFT liquid crystal display module LED backlight.
Resolution	WVGA 800xRGBx480 pixels.
Viewing	70° horizontal and 60° vertical (@ CR≥10).
LED Life Time	30000 Hrs.
Typical performance	Center luminance of white: 600cd/m2, Contrast ratio 650:1, Response time 5 ms (Tr).
Softwaremenu	Full On-Screen-Display (OSD) functionality in 15 languages: English, Dutch, German, French, Chech, Hungarian, Italian, Polish, Portuguese, Spanish, Turkish, Swedish, Finnish, Danish, Norwegian.
ABC mode	Improved Auto Brightness Control (ABC) including one-touch day/night setting and adjustable minimum and maximum levels for automatic control.
Operating temperature	-40°C ..+85°C.
Storage temperature	-40°C ..+125°C.

Electrical

Input voltage range	18...30V +/-10%.
Power consumption	Max 12W (only for the monitor, total power consumption depending on cameras and other peripherals)
Protection	>70V overvoltageprotection, <10V undervoltageprotection, protected against loaddumps, spikes and surges, reverse polarity on all wiring.
Power-output	For powering cameras and other peripherals. Power-output = input voltage. Output current 2A max.
Video input	1Vtt, 75Ω, Pal 50 Hz, 4,43MHz color sub carr. NTSC 60 Hz, 3,58MHz color sub carr.

Mechanical

Surface	Hard coating (3H), with AG LR (Low Reflection) polarizer.
Housing	Color Black, material: aluminium & high impact automotive synthetic thermoplastic polymer.
Shock constancy	Shock and vibration resistant for usage on trucks, cranes, fork-lifts, maritime applications, machinery. Random vibration test 15,3G_{rms} at frequency: 24 to 2000, PSD (g²/Hz) 0,04 to 0,10.
Ingress protection	IP67 according IEC 60529 (dust tight, immersion in water up to 1m for 30 min).
Truck use	Withstand all fluids and materials used in and around trucks like: ammonia solution 5%, ethanol 80-100%, isopropanol 5-10%, soapy water (min. 50% soap per volume), alkaline degreasing compounds(used in high pressure washing equipment).

Certification

Quality & environment	Units are manufactured by Orlaco in the Netherlands; ISO 9001, ISO14001, ISO-TS16949.
Approvals	Approvals in compliance with all relevant EMC- and Automotive directives. Certificates available upon request. This device complies with Part 15 of the FCC Rules. Operation is subject to the following conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
Green Passport	All materials are compliant to Green Passport requirements according IMO resolution MEPC.197(62) as adopted on 15 July 2011 (Maritime sector: International Maritime Organization concerning the functions of the Marine Environment Protection Committee).

Each product is delivered with a User manual and Installation manual.

Manuals

User Manual	UM0972080
Installation Manual	IM0973270

D509620047ENA01

ORLACO
Specialised Camera Solutions

www.orlaco.com