

## Product information



Part number: A.002846

## Display 7 inch Serial RLED + Sunhat

### Description

The 7 inch RLED serial display is a display that can be used in vision solutions for machines, vehicles and vessels with a serial vision system.

This display is shock and vibration-proof, automatically adjusts the brightness of the image to the ambient light, has a mirror-image correction and offers the ability to add mark lines per camera on the image for optimum assessment of the distance between the machine or the vehicle and any objects.

This display is suitable for serial Rolloos vision systems, whereby communication takes place between the monitor/control and the camera, for example to zoom in and out or to activate a different camera setting.

### Technical Data

Cables / Connectors	6m multicable (power) with 8p male CE 423 connector, 6m multicable (video) with 7p female IP67 Gold 423 connector
Bracket	A clamping user-adjustable mounting bracket is supplied
Weight	1,9kg (Monitor, bracket, cables and connectors)
Type	Automotive 7inch TFT liquid crystal display module LED backlight
Resolution	WVGA 800 x RGB x 480 pixels
Viewing	70° horizontal and 60° vertical (@ CR≥10)
LED Life Time	30000 Hrs
Typical Performance	Center luminance of white: 600cd/m <sup>2</sup> , Contrast ratio 650:1, Response time 5 ms (Tr).
Softwaremenu	Full On-Screen-Display (OSD) functionality in 15 languages: English, Dutch, German, French, Czech, 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
<b>Electrical</b>	
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.

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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 15,3Grms at frequency: 24 to 2000, PSD (g <sup>2</sup> /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 in the Netherlands; ISO 9001, ISO14001, ISO-TS16949.
Approvals	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	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).

**NOTE:** Each product is delivered with a User manual, Installation manual and Declaration Of Conformity (DOC).

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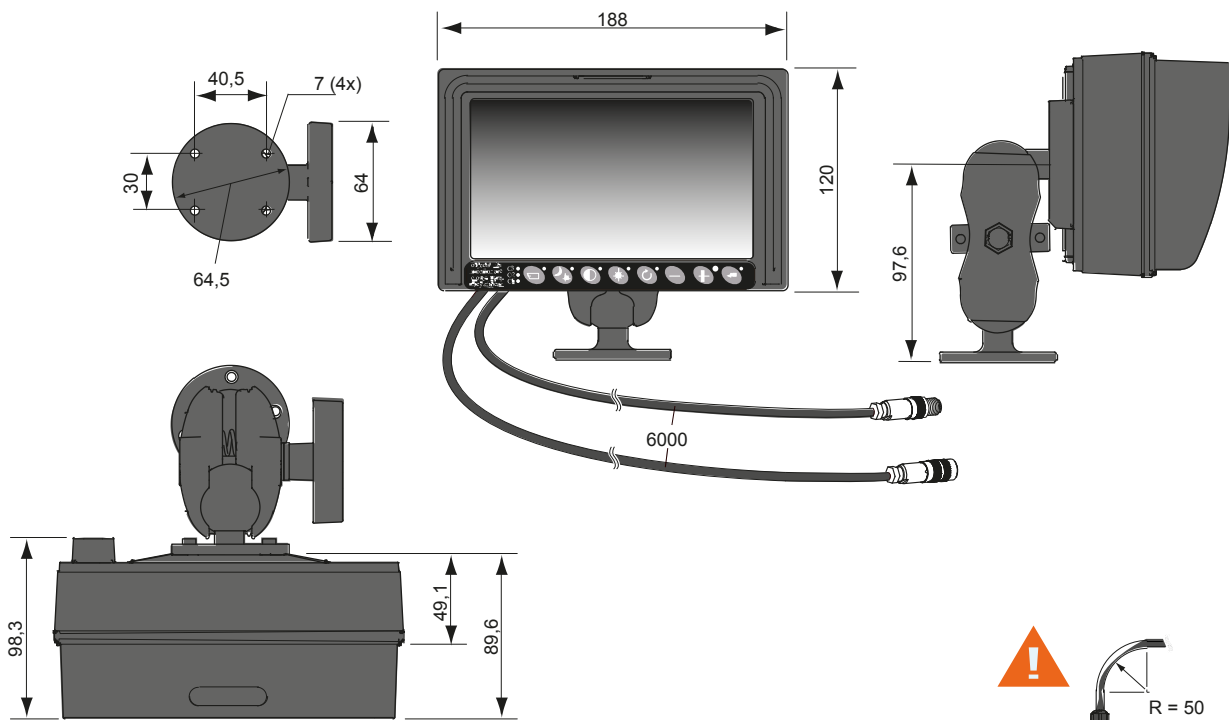


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### Dimensions

Units in mm



units in mm

