UltraView™ 1200

STYLE 610-00060-120

The UltraView™ 1200 is a 12.3 inch full color display. It is visible in direct sunlight and sealed to IP67 making it ideal for both in cab and external applications. It can be fully customized to your application and supports up to 10 different languages. It is designed for rugged high vibration environments making it suitable for a multitude of vehicle applications. it is equipped with three video inputs and has two separate CAN networks.

Features

Class1 Electronics brings a whole new experience to your ES-Key, V-MUX, or stand-alone systems with the UltraView 1200 display. This new display features a high-speed processor that allows you to bring even more capability into your application. And with twice as much memory as previous UltraView displays there is even more room for control algorithms, data logging, graphics, and more. The touch screen features the latest generation PCAP technology including dual-touch and swipe functionality. The UltraView's display is optically bonded for excellent readability including in full sunlight, and its rugged design make it a perfect solution for all types of environments and applications. The UltraView 1200 display is compatible with PowerVision Configuration Studio® which allows users to edit CAN parameters, add OEM branding, and create custom equipment screens for a unique and sophisticated user interface.

Applications/Solutions

- Bus & Pupil Transportation
- Emergency Responder OEMs
- Engineered Solutions
- Fire OEMs
- Firefighting - Airport (ARFF)
- Firefighting - Industrial
- Firefighting - Structural
- Firefighting - Wildland Forestry
- Marine
- Rescue - EMS
- Specialty Vehicles

Specifications

Style	**610-00060-120**
Volts	**+6 VDC ... +36 VDC**
Can Specification	**ISO-11898-2; J1939 and CANopen protocols; proprietary messaging**
Enviromental Range	**IP 67**

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Operating Temperature

- -40C ... +85C

Operating Voltage

- 6 to 36 VDC

EMC/EMI

- 2004/108/EC and 2006/95/EC directives
- EN 61000-4-3 (radiated EMF immunity radiated)
- EN 61000-4-4 (EFT immunity power and I/O lines)
- EN 61000-4-5 (surges power lines)
- EN 61000-4-6 (RF immunity)
- EN 61000-4-8 (magnetic field immunity)
- EN 60945 (ESD)
- EN 60945 (conducted emissions)
- HYBRID EN 60945 CISPR 11 CLASS B (radiated emissions)

Electrical

- J1113-2, -4, -11, -13, -21, -26 and -41

Vibration

- Random vibration, 7.86 Grms (5-2000 Hz), 3 axes

Shock

- ±50G in 3 axes

Resolution

- 1280 x 480 pixels, 24-bit color

Orientation

- Landscape or portrait

Viewing Angle

- ±65° horizontal, +55°/-65° vertical

Microprocessor

- 32 bit Arm Cortex @ 1.5 Ghz, QNX® Realtime Operating System

Flash Memory

- 8 GB

RAM

- 512 Mbytes DDR3-SDRAM

Video Inputs

- 3 NTSC/PAL (single channel viewable)

Connectors

- 2 AMPSEAL 23 Pin (AMP 770680-1 and AMP 770680-4)

Touchscreen

- Projected Capacitive (PCAP)

USB

- (1) USB 2.0 host (full speed)

Real Time Clock

- with Li-ion rechargeable battery backup

Communications

- (2) CAN 2.0B according to ISO-11898-2; J1939 and CANopen protocols; proprietary messaging
- (1) USB host