

**CVIS-100**

## Control View Instrument Serier

### General Description

The "Control View" instrument series is equipped with a 7" Color TFT LCD glare screen, with 800x480 pixel resolution, scratch resistant, able to grant maximum performances in low light conditions.

A silicone rubber housing is enhancing the look..

7 back-illuminated Tactile buttons for menu navigation, the possibility to create endless combinations of features and controls, are making "Control View" a line of instruments fully designed around OEMs requirements.

2 CANBUS lines allow data to be exchanged with engine controllers as well as any other devices with CAN interface.

It is capable to simultaneously handle up to 4 video inputs PAL/NTSC.

USB and RS485 and RS232 lines allow PC connection for diagnostics.

Local SD memory card act as Data Recorder, storing data of various parameters of the machine (i.e. "blackbox" function).

GSM connection is available for customers requiring diagnostics, corrective actions and maintenance to be performed via remote. Especially designed for vehicles to be rented or fleet owners, GSM connection makes it possible, reducing machine downtime, identifying and make troubleshooting.



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### Technical features

Operating voltage: 8 - 90Vdc  
 Protection: IP 65 front side, IP30 back side  
 Operating temperature: -20°C + 85°C  
 Storage temperature: -35°C + 90°C  
 7 back-illuminated tactile buttons  
 20 Digital input  
 4 Analog/frequency input  
 4 Power safety output (2 Ampère) (with HW watchdog control)  
 2 CAN BUS line  
 4 NTSC/PAL video input  
 2 RS232  
 1 RS485  
 1 USB  
 1 SD card slot  
 1 internal real time clock  
 1 GSM module (option)  
 Connectors type: 2Tyco Super Seal 26 poles 6337288 and 6473418-2 .6337288-6  
 EMC: ISO 7637-2 ISO 2575  
 Overall dimensions: 180x230x45mm

### MECHANICAL & ELECTRICAL PROPERTIES OF SILICONE RUBBER HOUSING

Non-Conductive Silicone  
 Temperature Range -55°C ~ +250°C  
 Specific Gravity 1.15  
 Tensile Strength 90Kg/cm<sup>2</sup>  
 Tear Strength 20Kgf/cm  
 Compression Set 60% (180°C x 22hrs.)  
 Elongation at Break 350%  
 Volume Resistivity 8 x 10<sup>14</sup> ohm cm  
 Insulation Breakdown 24Kv/mm  
 Color Coloring possible  
 Dielectric Constant 4.2 (50Hz)  
 Dielectric Tangent 13% (50Hz)  
 Alcohol and human perspiration high resistance



Unify Electronic  
Design and Engineering  
Electronic Equipment

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Ultraviolet rays and detergent high resistance



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