AAL®

Autometers Alliance Ltd

DRIVER
DISPLAY UNIT
INC-90.xx

Salient Features

- Enables to work with multiple field bus systems like RS 485/422, CAN, Ethernet and MVB.
- Internal Temperature sensor
- Automatic Brightness control
- Real Time Clock and Watch Dog
- UIC 612 key board
- 3 Optical Indicators on the front Panel
- Internal Buzzer
- 3 Digital inputs and 3 digital outputs
- Compatible with different camera/video interface like Ethernet/ USB camera.
- 10.4" and 12.1" screen size
- PC104 card interface
- SVGA and XGA resolution

In partnership with:

PIXY
MOBILE VISUALIZATION

Driver Display unit is a robust terminal device constructed for harsh environments, Designed to work in a wide temperature(–40°C to +70°C) and wide operating voltage 24 to 110VDC, it has TFT Screen (800×600 pixels) 10.4 inch with LED backlight, EMI protection is used to meet the EN50155 and the IEC 801-x specifications. The device is resistant to shock and vibration and well protected against dust and water. It is encased in a robust metallic box with natural cooling (without cooling fan).

Driver display Unit is designed for Railways applications in such a fashion that it may be customized for various functionalities like display of Radio Remote control system, Train Protection and Warning System, Train Control and monitoring system, Microprocessor based control and fault diagnostics system etc.

PIXY
MOBILE VISUALIZATION

Application:

- As an intelligent graphical display in locomotives / EMU / Metro
- Rear-view monitoring, passenger compartment monitoring
- Suitable for Signalling and video applications

ITEM	DATA
Processor	
Type and speed	Intel ATOM 1.33 Ghz
Operating System	PIXY Linux 2.0, WES 2009
Environment	
Ambient temperature (operating)	–40ºC +70ºC
Humidity	95% max.
Cooling	Natural cooling
Display	
Type of LCD	TFT colour active-matrix LCD-module with LED backlight
Screen Size	10.4"
Resolution	SVGA, 800 x 600 Pixel
Viewing angle	Horizontal: typ. -70 / +70°
	Vertical: typ. -50 / +60°
Brightness	Typ. 420 cd/m2
Contrast	Typ. 1:600
Back Light	Manual / Automatic
Power Supply	
Supply voltage range	24 to 110VDC
Power dissipation max.	20.0 W
Mechanical Specifications	
Protection against dust and water	Front panel IP65
Overall Dimensions	Front panel: 345×228mm or 310×214mm
	Cut out: 281×204mm
	Depth: 62mm
Weight	Approx. 3.5 kg
Electrical Interfaces	
	2 x Ethernet, 2 x USB
	Audio
	CAN with CAN open, MVB ESD+ / MVB EMD, 3 x DIO
	RS-422/RS-485
Standards	
Applicable	EN 50155 / EN50121-3-2 / EN61373

Autometers Alliance Ltd

C-63, Sector-57, Noida - 201 307, India
Tel.: +91 (0) 120-6770100
E-mail: info@autometers.com
Website: www.autometers.com