



INC-90.xx
swiss made

The INC-90 is a Low-Power Display, designed for standard rail-ways applications like ETCS, TCMS, CTCS and especially for digital video applications.

Due to the availability of two physically independent Ethernet controllers it's possible to serve two redundant Ethernet rings in safety critical applications. It's also possible to handle two VLAN separated Ethernet rings where one transports train control data and the other passenger information. The complete integration of all HW on the main board increases the reliability of the INC-90 once again. The extremely bright TFT-Display guarantees best readability in very bright areas. This makes the INC-90 the preferred device in entirely glazed vehicles.

TFT color display	10.4" SVGA 800 x 600, 700cd/mm ² LED backlight, automatic dimming
Keyboard	Illuminated UIC557/612 or ERA keypanel, touch screen
Motherboard	CPU x 86 compatibel / ATOM 1.3 GHz, industrial type 1024 MB RAM Internal device control and monitoring using local microcontroller
Standard interfaces	2 x Ethernet, 2 x USB Audio CAN with CANopen, MVB ESD+ / MVB EMD, 3 x DIO optional RS-422/RS-485
Power supply	U _{nom} 24 .. 110 VDC in accordance to EN 50155
Operating system	PIXY Linux 2.0, WES 2009
Data Media	4 or 8 GB onboard flash
Cooling	Fanless
Operating temperature	-25 .. +70 °C
Storage temperature	-40 .. +85 °C
Degree of protection	Front IP65, housing IP54
Standards	EN 50155 / EN 50121-3-2 / EN61373
Dimensions	Cut Out: 281 x 204 x 60 mm (w x h x d)
Weight	ca. 3.5 kg

PIXY AG Switzerland
Tel. +41 56 200 03 10
www.pixy.ch

PIXY (Shanghai) Co. Ltd.
Tel. +86 213407 3350
www.pixychina.cn