INC-91.xx
swiss made

The INC-91 is a Low-Power Display, designed for standard rail-ways applications like TCMS, ETCS 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-91 once again. Other key features are the extremely bright TFT-Display guarantees best readability in very bright areas and the depth of only 70 millimetres.

TFT color display	12.1" XGA 1024 x 768, automatic dimming Optional with touch screen
Keyboard	Illuminated UIC557/612 or ERA keypanel, touch screen
Motherboard	CPU x 86 compatible / 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+ or 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, WES 2009
Data Media	4 GB onboard flash
Cooling	Fanless
Operating temperature	-40 .. +85 °C
Storage temperature	-40 .. +85 °C
Degree of protection	Front IP65, housing IP42
Standards	EN 50155:2007 / EN 50121-3-2:2006 / EN61373:1999
Dimensions	Cut Out: 311 x 234 x 70 mm (w x h x d)
Weight	ca. 4.5 kg