



**INC-81.xx**  
swiss made

The INC-81.xx is designed for processing-intensive graphical and digital video applications. The 12.1" TFT Screenboard<sup>®</sup> is equipped with an Intel 1.6 GHz Atom processor and can display video streams of up to 8 digital MPEG-4/H.264 cameras simultaneously with ease. The robust, fanless anodised aluminium casing is characterised by a flat construction with cooling fins. The device meets all relevant railway standards and functions reliably even under the most difficult climatic conditions.

TFT color display	12.1" SVGA 800 x 600, automatic dimming Optional with touch screen
Motherboard	CPU x 86 compatible / ATOM 1.6 GHz 1024 MB RAM Internal device control and monitoring using local microcontroller
Standard interfaces	RS-232/RS-422/RS-485 USB, Ethernet Audio External keyboard / mouse MVB ESD+ or EMD / CAN with CANopen Additional PC/104 expansion socket
Power supply	Wide Input 24 .. 110 VDC (- 25% + 30%)
Operating system choice	PIXY-Linux 2.0, WES 2009
Data Media	Compact Flash (1x standard, 1x option) min. 4 GB, shock-resistant
Real-time clock	Buffered with Goldcaps
Cooling	Fanless
Operating temperature	-25 .. +70 °C
Storage temperature	-40 .. +85 °C
Degree of protection	Front IP65, housing IP454
Standards	EN 50155
Dimensions	Cut out: 311 x 234 x 108 mm (w x h x d)
Weight	6 kg

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