



SIP-20.xx
swiss made

The SIP-20.xx is a very powerful Screenboard® which, in addition to normal PAD-applications, specifically manages digital video PAD-applications. The simultaneous representation of up to 8 MPEG-4/H.264 rear-view mirror cameras running in real-time is straightforward for the SIP-20.xx. High redundancy in the hardware and the numerous sophisticated watchdog and monitoring functions for the system management increase availability and allow for implementation in safety-relevant applications. The interfaces, operating system and applications are continuously monitored by a micro-controller. SIL-2 certification for a SIP-20.xx system can therefore easily be obtained. The robust, fanless aluminium casing is characterised by a flat construction with small cooling fins. The device meets all relevant railway standards and functions reliably even under the most difficult climatic conditions. The SIP-20.xx is supplied together with the PIXY Application Designer (PAD).

TFT color display	10.4" SVGA 800 x 600, automatic dimming
Keyboard	Illuminated UIC557/612 or ERA keypanel, touch screen
Motherboard	CPU x 86 kompatibel / ATOM 1.3 GHz, industrial type 1024 MB RAM Internal device control and monitoring using local microcontroller
Standard interfaces	Ethernet USB Audio CAN with CANopen
Power supply	U _{nom} 24 .. 110 VDC in accordance to EN 50155
Operating system	PIXY Linux
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