SIP-10.xx
swiss made

The *Scalable Instrument Panel (SIP)* is a winner thanks to its high functionality and its small dimensions. The core of the SIP-10.xx is a high-density integrated micro controller. This enables very quick start-up times (less than 5s) and guarantees high availability. This piece of equipment is designed for maintenance free, durable use. It operates without a fan, hard disk or battery and as such is service friendly and maintenance free. The SIP-10.xx is particularly suitable for a wide range of TCMS tasks such as diagnosis and error message displays or for the use of simple ERTMS or CBTC tasks.

PIXY provides a free, easy-to-use graphic-based high-level development tool for the programming of application software. This software, known as *PIXY Application Designer (PAD)*, makes it possible to program the equipment in super-quick time from your desktop computer.

TFT color display	6.5" VGA 640 x 480, automatic dimming
Keyboard	Membrane keyboard, 20 keys, illuminated, touch screen optional
Motherboard	High-density integrated 16 Bit microcontroller (25 MHz)
Download interface	RS-232
Communication interface	CAN with CAN Open
Power supply	U_{nom} 24 .. 110 VDC in accordance with EN 50155
Operating system	µC/OS-II / preconfigured
Real-time clock	Buffered with Super Cap
Cooling	fan-free
Operation temperature	-25 .. +70 °C
Storage temperature	-40 .. +85 °C
Protection type	Front IP65, casing IP42
Standards	EN 50155 / EN 50121-3-2
Measurements	Cut Out: 202 x 135 x 80 mm (B x H x W)
Weight	2 kg