



MEP®SmartDevice

Machine data monitoring

Data collecting and data transfer as a flexible embedded system for machines, plants and technical systems made possible thanks to the products of the MEP® series. They allow the preventive maintenance and, in the event of malfunction, a simple and fast problem-solving remote access via secure internet connection.

Employment of MEP®SmartDevice:

- Set up of a cost efficient global service net
- Recording of valuable machine data

Central component of a remote service structure:

VPN Router, Data Recorder

- Date acquisition from PLCs, sensors and other devices
- Allocation of timestamps for every measured value
- Free eligible circular buffer
- Diverse interfaces
- Transfer of data to the central system

Functioning:

The MEP®SmartDevices are embedded industrial PC composed of add-on modules which are extensible to other different interfaces. Furthermore, the actual connection RS232 can also be reset to a RS422 or RS485´.

On request we can deliver the IPC with your brand on it!

Type:	MEP® SmartDevice
Voltage supply:	12V – 24V DC
Processor:	ARM-Cortex A9 Quadcore 4x 1 Ghz
Graphic:	onboard
Main memory:	2 GB DDR3 onboard
Mass storage:	1 GB NAND Flash onboard 1GB – 128GB Industrial Grad microSD(HC)
Case (BxLxH in mm):	60x95x110
Connections:	LAN: 2x USB: 2x HDMI: 1x CAN: 1x GPI/O: 3x (24V) µSD: 1x RS232: 1x
cabling:	2 PIN Terminal-Block for voltage storage/supply
switch:	On / Off
Taste:	Reset Dial (int. LED)
assembly:	35mm DIN rail
Temperature range:	0 °C – 70 °C
Operating system:	LINUX (Kernel 3.19.5)
Status LED:	Power Dial / Connect eMMC
Certification mask:	CE
Beeper:	onboard