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EVO 3.5 Pure compact Time & Attendance Terminal

The EVO 3.5 Pure Time and Attendance terminal combines cost effectiveness with superb performance.

About the EVO 3.5 Pure

The EVO 3.5 Pure Time and Attendance terminal is the perfect option for cost conscious customers setting new standards in the price-performance ratio and delivering all you need in a high quality durable terminal.

Equipped with the latest technology and Colour LCD display, data is recorded quickly and precisely and transferred immediately to your Time and Attendance software. This terminal accepts HiD, RFiD, MIfare and other Custom Cards.

An energy saving proximity sensor automatically activates the terminal when a potential user is within its operating radius and switches to standby mode when no users are detected.

This saves electricity, protects the integrated backlights and extends the service life of the device.

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Key Specifications

Housing	Structure, Dimensions (w x h x d)	Plastic: ABS // 109 mm x 200 mm x 85 mm
	Weight (Without power supply)	base unit 0,35 KG plus wall mount plate 0,125 KG
System	Clock	Real-time clock
Data storage	Flash	4 MB (optional 16 MB) 100.000 write cycles
	Memory expansion (optional)	SD card, max 2 GB
Display	LCD	EVO 3.5: TFT: 480 x 320 Pixel, active area 73,4 x 49,0 mm with LED-Backlight
Keys	Type, size	EVO 3.5 Capacitive touch screen, touch area 73,4 x 49,0mm, touch wearless
Sensors	Proximity Sensor	Activates the devices when the user comes close to it, distance ca. 0,8m
	Ambient Light Sensor	Reducing the backlight of the display in a dark environment
Power	Power Supply	12V DC
	Power	Base unit 3 watts, depending on the equipment up to max. 10 W
	Clock / RAM buffering	Goldcap securing the time up to one week
Environment values	Ambient temperature	-20 ° C to +70 ° C (Power Supply -20 ° C to +60 ° C)
	Protection	IP 54
Module extensions	For the extension to a variety of functions such as communication, inputs/outputs, sensors are 5 expansion slots for modules.	
Data transmission to PC/Server	USB	Micro USB integrated
	TCP / IP (optional)	TCP / IP operating with integrated TCP / IP stack, 10/100 Mbit
	WLAN (optional)	integrated wireless LAN module, WLAN 802.11 bg and 802.11 n (only 2.4GHz, from 03/2021 also 5GHz)
	Mobile Radio (optional)	online via mobile module 2G, 3G or 4G
Readers Connection	RS232 external (optional) (ML01-RS232)	Connection of bar code readers, magnetic card readers via mini-DIN connector
MDE Options	Module digital inputs (ML01-D01)	4x digital input, electrically isolated, up to 100kHz, or 250Hz, Low 0,0...1,5V; High 3,5...30,0V
	Module relay outputs (ML01-R01)	1 x NO, 1 x changeover contact, 30 V AC, 30 V DC, 2 A, max. 60 W
	Module analog voltage inputs (ML01-A1)	4 x input, 15-bit resolution, accuracy ± 2% measuring range 0-10 V, other ranges and functional insulation 230 V on request
Additional Options	Fingerprint	Fingerprint module integrated; sensor on the right below
	Integrated transponder reader	125kHz, for example Unique, titanium, Hitag 13.56 MHz, e.g. Legic, Mifare, ISO14443, ISO15693, Simon Voss, iButton, Nedap
	GPS receiver/ receiver	50 Channels, GPS L1 frequency C / A, Galileo Open Service L1
	Barcode scanner integrated	1D or 2D/QR barcode scanner
	Column	Column for free mounting
	Fever control at wrist	Only at room temperature +15 - +35°C, no wind, no direct sunlight. Mounted on the side of the device

Subject to technical change without notice.