

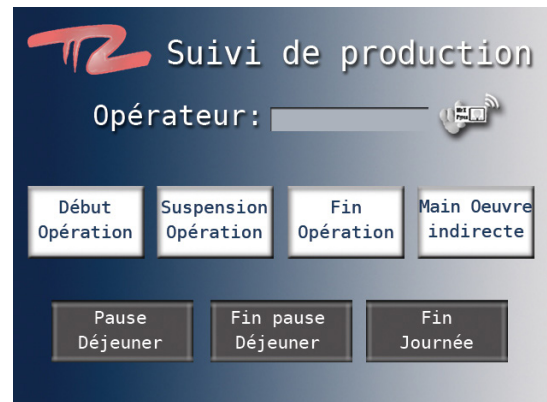
TERMOD

The right time,
all the time...

PYRESCOM'S EXPERIENCE AND EXPERTISE

PYRESCOM focuses on its core business, which is the design, manufacture and marketing of industrial terminals and badge readers.

By developing or integrating all the capture techniques (proximity, RFID, magnetic, barcode, approved biometrics, hand morphology, etc.) and by keeping a technological watch on all the new approaches (both network and reading), Pyres.com monitors and anticipates the technologies available on the market.



TERMOD 4

The entire PYRESCOM design team has concentrated on optimising the new TERMOD time management optimisation in an elegant design, while maintaining the reliability and ease of use of the product that has made its reputation.



FUNCTIONAL

- > Guides the user in identifying and recording working time and attendance.
- > Consultation of data (entry/exit movements, leave, travel, etc.)
- > Data entry (missions, holidays, events, etc.)
- > Increased interactivity through interfacing capabilities in line with projects (CLOUD/SAAS, ORACLE, etc.)

RELIABLE

- > Quick and easy installation, pre-configured in the factory
- > Secure operation in the event of server downtime or power failure
- > Upward compatibility with existing systems

MODERN

- > Colour graphic display, touch screen optional
- > Image library for customising your application buttons and icons
- > Modern, ergonomic design

DATA SHEET

<p>DISPLAY/RESTITUTION</p>	<ul style="list-style-type: none"> > Colour graphic display (64K) > Basic 4"3 (text: 12 x40, graphics: 480 x 272) > Customisable images, logo, icons, etc. > 3 visual indicators on front panel (battery, playback, network) > Multi-tone buzzer <p><i>OPTIONAL</i> : 5"7 touchscreen version (640 x 480 graphics)</p>
<p>INPUT DEVICES</p>	<ul style="list-style-type: none"> > Contactless readers (RFID 13.56 Mhz MIFARE, DESFIRE, NFC, 125 Khz, HID, etc.) > Bar code readers, magnetic readers, approved biometric readers > Proprietary badge readers with Wiegand or ISO2 interface > 17-key keyboard: 5 function keys + numeric keypad
<p>CLOCK</p>	<ul style="list-style-type: none"> > Date/time, saved > Time offset according to time zone setting > Automatic time setting (from server or NTP network service)
<p>COMMUNICATION</p>	<ul style="list-style-type: none"> > 100/10Mbps Ethernet port (auto-negotiation of speeds and flows) RJ-45 connection (100BASE-T/10BASE-TX) <p><i>OPTIONAL</i> : WIFI, POE, GPRS</p> <ul style="list-style-type: none"> > 2 RS232/RS485 serial ports. (PSTN/ISDN/GPRS MODEM extension) > 1 RSACQ field bus to manage a network of peripherals (external readers, access control, 4 I/O extension module to manage counters and relays, etc.) > 1 reader extension port (external CAB reader, hand shower, gun) > 1 USB host port (storage, IRDA, serial extension, etc.) <p><i>OPTIONAL</i> : 1 USB « OTG » port</p>
<p>HEARTH</p>	<ul style="list-style-type: none"> > ARM processor > System memory (flash) 256 MB and working memory (DRAM) 64 MB > Saved files memory 50 MB > Icons and images memory 6 MB <p><i>OPTIONAL</i> : Micro SD flash disk memory extension up to 16 GB</p>
<p>SYSTEM</p>	<ul style="list-style-type: none"> > Operating system: embedded Linux > No royalties > Network protocols: TCP, UDP, DHCP, HTTP, FTP, SMTP, POP, NTP, PPP, SSL, SNMP IPV6 and DNS compatible > Secure administration and configuration from any client workstation Security: PROXY / VLAN / VPN / FIREWALL /DMZ
<p>PARAMETERISATION PROGRAMMING</p>	<ul style="list-style-type: none"> > Time and attendance scenarios in high-level language downloaded, then stored in the the badge reader. > Multi-tasking triggered by events (badge reading, network response, function key, lack of server connection, etc.). > Client/server structured file management with multi-platform tool libraries (Windows, UNIX, LINUX, AS400, etc.) > Parameter setting / diagnostics via http interface, specialised tools, physically on the terminal («pinging» of different addresses or parameterised URLs possible) > Customised factory configuration to customer specifications (addresses, server URLs, gateway, etc.)
<p>CONNECTIONS</p>	<ul style="list-style-type: none"> > Direct connection to WEB server, library of technical functions. > Compatible with CLOUD offers, virtualised / shared servers > Native connection to the main databases and software packages on the market (ORACLE, SQL, HR-ACCESS, SAP, etc.) > Interfacing via ODBC (DBMS), HTTPS (ASP / PHP / JavaScript) > Customised interface (API / JAVA / XML, etc.) > Standard connection with PYRESCOM tools, upward compatibility with existing systems
<p>EXTERNAL ENVIRONMENT</p>	<ul style="list-style-type: none"> > Integrated power supply 100-240 Volts / 50-60 Hz <p><i>OPTIONAL</i> : POE (Power over Ethernet 802.3af)</p> <ul style="list-style-type: none"> > Battery life 4 hours > Consumption 20 VA max (typical 4VA) > Operating temperature : 0°C ~ 40°C > CE standard (directive 89/336/CEE : EN55022 EN55024 EN61000-4) - IEC 60950-1



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