

ascom PMS10/8 & PMS10/128
On-line Connection Units



The PMS10 Connection Unit is part of the payphone management concept developed by Ascom. It is a flexible and highly secure solution for on-line management. Moreover, it provides operators with significant cost-savings.

PMS10/128 is a perfect solution for high-density areas with a potentially high risk of fraud. It connects up to 128 payphones.

PMS10/8 is the optimum solution for small operations. It connects up to 16 payphones - and its compact design fits into most small, local exchanges. Thus, PMS 10/8 is a space-saving solution.

The PMS10 Connection Unit works with a standard interface and adapts easily to new technology incorporating local loops. PMS10 offers on-line features such as, constant surveillance, centralised security, transaction routing and down-loading of new payphone software.

Specifications

- Up to 16 payphones can be connected to the PMS10/8
- Up to 128 payphones can be connected to the PMS10/128
- Permanent line and payphone supervision by means of over-voice link
- Digital signal processing technology allows for easy adaptation to PSTN parameters
- Line between payphones and the PSTN is secured by galvanic insulation
- Centralised authentication and card control (Security Modules)
- Data connections

- Down-loading of parameters and payphone application software
- Down-loading of PMS10 software
- Remote diagnosing of errors

Modular architecture

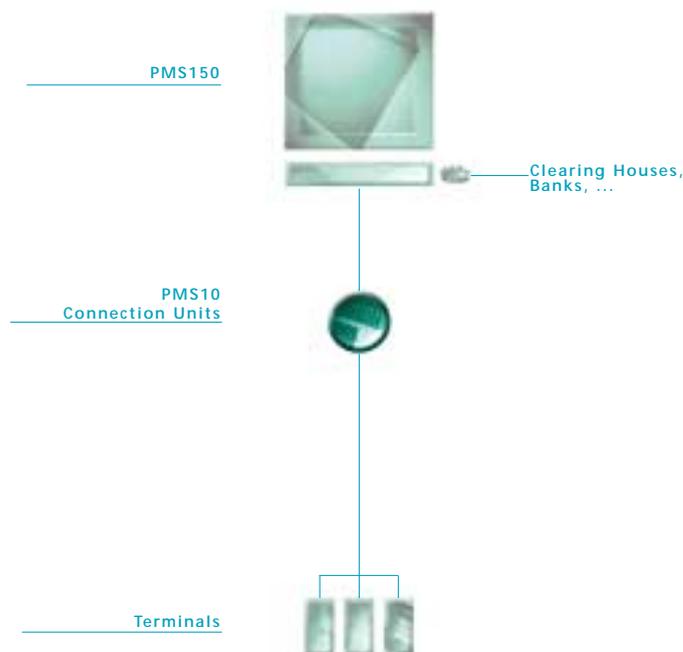
- One board per 8 payphones.
- One board used for protection of 4 payphone lines against overvoltage
- Cabinet easy to integrate into a standard ETSI or 19" rack
- Line connection stripe

Specific to PMS10/8:

- One board for DC/DC converter and modem (PMS link)
- Supply: 48 VDC, 2A

Specific to PMS10/128:

- One CPU board
- One modem (PMS link)
- One security module board (for 10 security modules)
- Supply: 48 VDC, 5 to 25A



Physical Characteristics

	PMS10/8	PMS10/128
- Height:	326 mm	710 mm
- Depth:	400 mm	600 mm
- Width:	203 mm	485 mm
- Weight:	5 kg	65 kg
- Temperature range:	5°C to 40°C	

Options

- Power requirements: 220V or 110VAC (PMS10/8 only)
- Management of additional Security Modules (4 in PMS10/8 and 20 in PMS10/128)
- IP or X25 link to upper network level
- Line test by means of payphone channel
- PSTN charge pulse transmitted in real time to payphones

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ascom *thinks ahead*