

125 KHz



AXIOIIIIE



The technology

Discreet and reliable information aid:

RFID TAGS are microcircuits with memory that can be both read and written on to using radio-frequency. Their small size allows them to be integrated into a variety of physical objects.

Mobility and security:

t. BARman opens the way to unlimited applications where mobility is essential, such as product identification, product flow management, maintenance... generally speaking, wherever recording and tracking is required.

of the future



BARman

See... You can't even see it!

The t. BARman breaks new ground by offering radio frequency identification of tags as well as barcode recognition. t. BARman is not only a highly mobile and resistant terminal. It's also a complete system with a whole network of interfaces and all the programming and communication software of the BARman range. Performances such as automatic communication, magnetic connection to interface, direct data capture or keyboard entry, integrated clock, customised programming are packed into this pocket-sized unit.

Electronics

- 8 bit CMOS microprocessor
- 128 KB RAM
- Display: LDC dot matrix, 16 characters
- Battery NI-MH with integrated electronic charge level management and charge level indicator
- Integrated clock/calendar
- Automatic extinction

Keyboard

- 17 numeric or 34 alpha-numeric

Identification

- RFID read/write head 125 KHz
 - 1D: Marin H4x02 (UNIQUE), H4x05 (ZOODIAC), V4050 (TITAN), Microcid 1106 and Philips Hitag 1 decoders
 - 1E: Philips Hitag1, Temic 5550/5551/5552, Marin P4166 (NOVA) decoders
- Optional pen barcode reading head

Environment

- Storage temperature: -20°/60°C (-4°/140°F)
- Operating temperature: 0°/40°C (32°/105°F)
- Humidity (storage) 10 – 90% RH
- Humidity (operating) 30 – 80% without condensation
- Protection standard: IP 52
- Tumble resistance: from 1m (3.3 ft.) to concrete

Dimensions

- 150x55 (83) x21mm (5.9"x2.1" (3.3") x0.8")
- Weight: 180 g (6.03 oz.) with batteries

Communication

- Magnetic connection to interface
- Simple interfaces: RS232 or RS422
- Concentrators: RS422
- Communication software for DOS or Windows

Programming

- AXEL development tool (compiler) for Windows

AXIOME is a Swiss company specialized in automatic ID and data capture. The company also develops and manufactures peripherals for optically reading documents with marks (OMR), characters (OCR and ICR) and bar code.

AXIOME ALPHA SA, RUE DU CHASSELAS 1, CH-2034 PESEUX
TEL. +41 (32) 732 18 18, FAX +41 (32) 732 18 00
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Because we are constantly improving our products, AXIOME reserves the right to modify technical features without warning
Mottaz & Lehmann, printed in Switzerland 11/2000



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