

A1000 contactless antenna

General information

The contactless antenna A1000 or BV1000CL is a contactless antenna accepting all type of contactless card ISO14443 type A et B (e-wallet and contactless bankcard) dedicated to « unattended » environment.

Conform to EMV contact-less L1 & L2 (Entry Point, C2/MasterCard, C3/Visa PayWave®, C4/Amex ExpressPay®)

Security: PCI PTS V4.x approved.

Payment application: PCI-PA-DSS V3.x approved.

It offers the following functions:

- 1 USB slave 2.0,
- 4 RS-232 serial ports,
- 2 SAMs



Technical characteristics

Dimensions	<ul style="list-style-type: none"> • 84.4 x 21 x 84.4 mm
Weight	<ul style="list-style-type: none"> • 100 g
Temperature range	<ul style="list-style-type: none"> • Storage: - 30° C to +70° C • Operating : -25° C to +70° C
Humidity	<ul style="list-style-type: none"> • 95% HR max at 55° C
Shocks	<ul style="list-style-type: none"> • IK10
Degree of protection	<ul style="list-style-type: none"> • IP 65
Supply	<ul style="list-style-type: none"> • DC from 8V to 30V
Power consumption	<ul style="list-style-type: none"> • 4W max
Memory	<ul style="list-style-type: none"> • 512K internal flash • 8Mbyte NOR FLASH • 4MByte PSRAM • 8 + 4 MB dataflash
Buzzer	<ul style="list-style-type: none"> • Magnetic buzzer
LEDs	<ul style="list-style-type: none"> • Green Static : ready for use, iddle state • Green Flashing: transaction done →remove card • RED Static: Out of order • RED Flashing: Error →remove card, no payment made • Yellow Static: processing transaction → wait • Yellow Flashing →make selection
Fixation	<ul style="list-style-type: none"> • 3 screws

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