



Contactless Reader



► Market Segments

- Newspaper kiosks
- Convenience stores
- Quick service restaurants
- Pharmacies
- Sporting events
- Public transport

► Approvals*

- EMV Contactless Level 1 & 2
- MasterCard PayPass
- Visa payWave
- JCB Jspeedy
- Amex ExpressPay
- Discover ZIP

* Contact your local dealer for the most up to date approval list

Versatile contactless reader for clip-on, free-standing or wall-mounted installation

The R3210 is a high-performance contactless reader for connection to stand-alone payment terminals or cash register and multi-lane systems. Its numerous stand options cover virtually any usage scenario, from a clip-on to Optimum® terminals, to a free-standing or wall-mounted unit, connected to Optimum and Artema® terminals. Installation does not require special tools or personalized integration.

The R3210 includes an optional high contrast backlit graphic display for free-standing and wall-mounted applications.

With its embedded EMV contactless kernels, the R3210 provides high security and fast processing for all forms of contactless payment, from contactless cards to NFC enabled mobile phones. It also supports magnetic stripe contactless emulation mode for markets that have not yet migrated to EMV.

With its modular SW architecture, the R3210 also opens the door to value-added applications, such as contactless loyalty and gift card applications, or ticketing for public transport systems.



Countertop installation with high contrast graphic display



Wall-mounted installation



Optimum T4200 family clip-on. All readers directly face the cardholder.

UNIVERSAL CONTACTLESS READER



- | | |
|--------------------------------|----------------------------------------------------------------------------------------|
| Speed and ease of use | ► Tap your card or mobile phone and pay almost instantaneously |
| User-friendly interface | ► Adjustable stand, large graphical display and raised tactile contactless logo |
| Compact design | ► Small footprint ideal for clip-on installation |
| Easy integration | ► Approved EMV contactless kernels reduce time-to-market |
| Field installation | ► Add contactless technology to your existing Hypercom terminals in just a few minutes |



R3210 Contactless Reader

UNIVERSAL CONTACTLESS READER

TECHNICAL SPECIFICATIONS

PROCESSOR

- Artema S-Core security system incorporating on-chip memory plus 1 MB RAM
- RSA processing with keys of up to 2048 bits
- Modular software architecture supporting authenticated software upgrade in the field without loss of keys

CONTACTLESS STANDARDS

- ISO14443 A/Mifare and B – Felica*
- Supports mobile payment via NFC*

SAM SLOTS

- 2 SAM slots

USER INTERFACE

- 4 LEDs at the top of the landing area
- Raised tactile contactless logo
- Optional high contrast graphic display with backlight
- Integrated buzzer

CONNECTIVITY

- 2 RS232 port
- Power supply via RS232 data cable
- Optional external power supply

ENVIRONMENT

- Temperature: 0-45°C / 32-115°F
- Humidity: Max 85%, non-condensing

FOOTPRINT

- 80 mm x 70 mm x 15 mm (W x H x D)

WEIGHT

- 170 g

STANDS

- Adjustable stand for countertop or wall-mounted installation
- Clip-on stands for countertop Optimum T4200 family
- Front clip-on stand for P2100

CONTACTLESS KERNELS*

- MasterCard PayPass
- Visa payWave
- JCB Jspeedy
- Amex ExpressPay
- Discover ZIP

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Speed and Ease of Use

- ▶ The R3210 runs the Artema S-Core security system, 32-bit RISC-based, for fast contactless transaction processing

User-Friendly Interface

- ▶ Large graphical display guides you through payment: simply tap your card or your NFC mobile phone and payment is completed instantaneously
- ▶ Adjustable stand lets the merchant choose the most accessible position for the reader
- ▶ Raised tactile contactless logo helps visually impaired people locate the landing area
- ▶ The LEDs and buzzer give clear visual and audible payment confirmation to both the cardholder and merchant

Compact and Versatile Design

- ▶ Innovative clip-on concept enables easy field upgrade of existing Hypercom terminals
- ▶ Variety of data cables are available for connection to Hypercom Optimum and Artema terminals or to ECR systems
- ▶ Small footprint is ideal for clip-on installation on Optimum countertop terminals or on PIN pads

Secure and Approved

- ▶ Meets the latest industry security standards for contactless payment schemes
- ▶ Certification approvals include contactless EMV Level 1 & 2 and magnetic stripe emulation
- ▶ Also supports value-added application such as access control, loyalty, e-purse, pre-paid and ticketing

COMPATIBLE WITH



OPTIMUM P2100 CLIP-ON



OPTIMUM T4200 FAMILY
CLIP-ON AND STAND-ALONE



ARTEMA COMPACT WITH
WALL-MOUNTED OR
FREE-STANDING READER

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