Alio

ePAYMENT CARD READER

cpi™

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Description

With Alio, CPI presents an All-In-One cashless hardware solution for unattended payment. With a large touchscreen and customizable user interface, operators can create an engaging user experience. Plus, Alio's rugged outer-casing and protective Gorilla Glass protects hardware against vandalism and daily wear-and-tear. Alio is supported by CPI's cashless solution, including payment processing services and our cloud-based device management platform.

Benefits

Reduced hardware. Combining the card reader, PIN pad, contactless reader, and screen, Alio's All-In-One provides a reduced footprint and eliminates the need for multiple cutouts.

Enhanced user experience. Flexible user interface and large touchscreen allows operators to customize and brand screen content or play video for an engaging payment experience.

Proximity sensor. Alio's proximity sensor dims and auto-wakes your device to conserve energy during downtime and provide insightful environmental information.

Streamlined design. Integrate the same standard solution seamlessly across the US and Europe with Alio's streamlined hardware and software design

Flexible display. Mount Alio in portrait or landscape orientation for optimum integration in any application.

Specifications

Solution

- Open solution

Operating temperature

- -20°C to 70°C

Type of Payment

- Magnetic Stripe
- Chip and PIN
- Contactless
- Mobile Payment
- Bluetooth/NFC

Display Type

- 4.3" TFT Display
- 272 x 480 Pixels
- 24Bits RGB, Backlit LCD

Storage Temperature

- -30°C to 80°C

Storage Humidity

- 5% to 95%

operating humidity

- 5% to 95%

Standards

- Supports qVSDC
- EMV L1, L2
- CE, RoHS, FCC
- ISO 7810/7811/7813 standards
- ISO 7816 Contact Smart Card

Compliance

- ISO 15693 NFC

Security

- Complies with SRED
- Supports point-to-point encryption (P2PE)
- PCI Compliant ARM TrustZone
- PCI PTS 5.x
- HMAC

Power Requirements

- 8V to 42V via Micro-fit

Interfaces Supported

- USB - Type A
- USB - OTG (mini)
- I2C / GPIO
- 3 x RS232 (1 x 5PIN (1) 1 x 4PIN (2))
- 2 x SAM Card
- Ethernet 10/100Mb

Variants

Alio Pro

With a 4.3" display, Alio Pro provides a fully interactive, large-format display, plus PIN-on-glass capability. Alio Pro is suited for use in multiple unattended payment applications, including:

- Casino
- Off-Street Parking
- Retail Kiosk
- Laundry
- Carwash
- Metro and Train Fare Collection
- Vending
- Electric Vehicle Charging

Dimensions (mm)

- H: 134mm W: 98mm D: 40mm Screen: 3.4"