



# Alio

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ePAYMENT CARD READER



## Alio

### 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

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**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

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## **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"

