



Alio™ Pro Cashless Reader

ALL YOU WANT, ALL YOU NEED, ALL IN ONE DEVICE

With the Alio Pro card reader, CPI delivers the future of cashless hardware for unattended markets. With multiple technologies combined into a single device, plus a large, engaging touchscreen, the Alio reader offers an all-in-one solution designed to suit any market or application.

- More than just a card reader, the Alio reader combines multiple technologies with a large screen, PIN on glass capability, and contactless acceptance
- Accept more payment options than ever with swipe, chip, and contactless, plus mobile payment
- Engage users and reduce space by utilizing the flexible user interface on the large, high-resolution touch screen
- Integrate the same standard solution seamlessly across the US and Europe with a streamlined hardware and software design
- With Gorilla Glass and a tough outer casing, the Alio reader is suitable for indoor or outdoor use, and is tamper-proof to last against damage and vandalism



Chip



PIN



Contactless



Swipe



Mobile



Alio Pro Specifications

DIMENSIONS & WEIGHT

Height	134 mm
Width	98 mm
Depth	40 mm
Weight	378g

Meets EVA Standards

TFT DISPLAY

Size	4.3"
Pixels	272 x 480
Colour	24Bits RGB, Backlit LCD

Capacitive touch screen with glove support

65° wide-angle viewing

CARD INTERFACES

- Magnetic Stripe
- NFC Contactless
- Chip and PIN
- Contact: EMV L1 and L2 Certified
- Contactless: EMV L1 and L2 Certified
- Contactless MiFare: Classic, DesFire, Visa qVSDC, MasterCard M/Chip, American Express ExpressPay, Discover D-PAS, China UnionPay, SamsungPay, ApplePay, GooglePay

PERIPHERAL CONNECTIONS

- 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

POWER

8V to 42V via Micro-fit

CONNECTIVITY

- Ethernet
- Optional Cellular Radio: 4G LTE CAT 1
- Bluetooth Low Energy



MULTIMEDIA & SENSORS

- Supports video / advertising
- Integrated Speaker, Buzzer
- Proximity Detector up to 2m

SECURITY & APPROVALS

- Complies with SRED
- Supports point-to-point encryption (P2PE)
- PCI Compliant ARM TrustZone
- PCI PTS 5.x
- HMAC
- CE, RoHS, FCC, UL
- IP55
- IK09

STANDARDS

- ISO 7810/7811/7813 standards
- ISO 7816 Contact Smart Card
- ISO 14443 Contactless Type A and B
- ISO 15693 NFC

OPERATING & STORAGE TEMPERATURES

Operating	-20°C to +70°C
Storage	-30°C to +80°C
Humidity	5% to 95% (non-condensing)

