CPI™

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

PROCESSOR & MEMORY

Processor	ARM Cortex A5, 32Bit
Memory	1GB DDR2 RAM, 4GB Flash
Operating System	Linux

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 Paypass, 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

IP54

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)