



## Alio™ Pro Cashless Reader

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

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

- More than just a card reader, Alio 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 Alio's flexible user interface on the large, high-resolution touch screen
- Integrate the same standard solution seamlessly across the US and Europe with Alio's streamlined hardware and software design
- With Gorilla Glass and a tough outer casing, Alio is suitable for indoor or outdoor use, and is tamper-proof to last against damage and vandalism



Chip



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

### PROCESSOR & MEMORY

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

### CARD INTERFACES

Contactless  
Chip & PIN  
Triple track magstripe

### PERIPHERAL CONNECTIONS

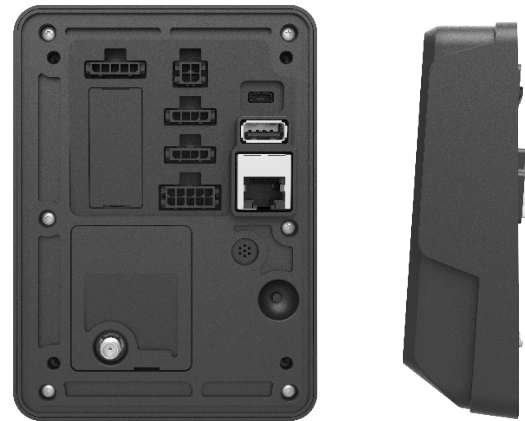
USB - Type A  
USB - OTG (mini)  
I2C / GPIO  
3 x RS232 (1 x 5PIN (1) 1 x 4PIN (2))  
2 x SAM Card  
Ethernet 10/100Mb

### POWER

8V to 42V via Micro-fit

### OPERATING & STORAGE TEMPERATURES

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



### CONNECTIVITY

Mobile pairing  
NFC Read/Write  
Optional 4G Long Term Evolution (LTE)

### 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

### PAYMENT CERTIFICATIONS / STANDARDS

Supports qVSDC  
EMV L1  
EMV L2  
CE, RoHS, FCC  
ISO 7810/7811/7813 standards  
ISO 7816 Contact Smart Card  
ISO 14443 Contactless Type A and B  
ISO 15693 NFC



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