

Q30

Smart PINpad

Linux Operating System | Large Capacitive Colour Touch Screen | PCI PTS 5.x SRED | Advanced Connectivity | Camera & Pen Stylus Options | NFC Contactless Enabled | Chip & PIN / MagStripe | 1D or 2D Scanner Options | Privacy Shield



The Q30 is a new generation Smart PINpad for multiline retail merchants to connect to any type of cash register, self-service checkout kiosk, or terminal.

Superb resolution on the high-end capacitive touch screen also enables images and video to be displayed brilliantly.

The Q30 enables merchants everywhere to accept any type of transaction, including traditional cards, 1D, 2D or QR code payments, mobile wallets and NFC enabled payments such as Apple Pay, Samsung Pay, Wechat Pay and Alipay. The Q30 comes packed with the latest payment industry certifications including PCI PTS 5.x, SRED and Contactless.

FEATURES & BENEFITS

Exceptional Performance

- Cortex A9 processor for faster performance
- Easily identifiable contactless landing pad
- Super resolution for images & video
- 1D/2D barcode & QR code reading
- Electronic signature capture
- Large memory capacity

Open & Flexible Platform

- Easier software application development
- Multi-tasking OS & application integrity
- Plug-and-Play extended functionality
- Superior communications options
- Prolin operating system (based on Linux)

Unprecedented Security

- PCI PTS 5.x SRED
- Supports DES, 3DES, RSA, AES
- Secure key embedded area



Q30

Smart PINpad



SPECIFICATIONS

| | |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processor | Cortex A9 1GHz |
| Memory | 1GB (512MB Flash + 512MB DDR) Micro SD (TF card) up to 32GB |
| Display | 4-inch TFT 800x480 Pixel Color Display Capacitive Touch Screen Electronic Signature Capture |
| Keypad | 10 Numeric Keys & 3 Function Keys Back-Lighting Reset Button |
| Operating System | Prolin based on Linux |
| Indicators | Contactless Indicator Magstripe Indicator Chip Slot Indicator |
| Communications | RS232 High Speed Ethernet USB Powered-USB Optional WiFi + Bluetooth |
| Scanner Camera (optional) | 0.3 Megapixel Fixed Focal Camera 1D / 2D Barcode and QR Code Reader |
| Card Readers | Magnetic Card Reader Smart Card Reader Contactless Card Reader |
| SAM/SIM | 3 SAM Card Slots 2 SIM Card Slot Maximum |
| Audio | Speaker 90dB Audio Jack (optional) |
| Physical | L x W x H (mm) : 199 x 112 x 53.1 Weight (g) : 400 |
| Peripheral Ports | Multi-Functional Port Micro SD Slots |
| Accessories | Multi-Functional Cable Privacy Shield Stylus Pen & Pen (optional) Pole Stand (optional) |
| Environmental | 0°C ~ 50°C Operating Temperature -20°C ~ 70°C Storage Temperature 5% ~ 95% Relative Humidity, Non-Condensing |
| Voltage | Input: 100 - 240V AC, 50Hz / 60Hz Output: 5.0V DC, 1.0A |
| Certifications | PCI PTS 5.x, SRED EMV L1 & L2 EMV CL L1 MasterCard Contactless MasterCard TQM Amex Expresspay Discover D-PAS Visa payWave JCB J/Speedy Interac Flash |

