

Q30

Integrated Smart PINpad

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



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

The Q30 is packed with a high resolution capacitive touchscreen display that delivers vivid and vibrant images and videos.

The Q30 enables merchants everywhere to accept any type of transaction, including traditional cards, 1D/2D 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 certification and contactless function.

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 OS (based on Linux)

Unprecedented Security

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



Q30

Smart PINpad



SPECIFICATIONS

Processor	Cortex®-A9, 1GHz
Memory	1GB (512MB Flash + 512MB DDR) Micro SD (TF card) up to 32GB
Display	4-inch 800 x 480 Pixels TFT Color Display Capacitive Touchscreen Electronic Signature Capture
Keypad	10 Numeric Keys & 3 Function Keys Back-Lighting Reset Button
OS	Prolin OS (based on Linux)
Indicators	Contactless Indicator Magstripe Indicator Chip Slot Indicator
Communications	RS232 High Speed Ethernet USB Powered-USB WiFi (optional) Bluetooth (optional)
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 EMV L1 & L2 EMV CL L1 MasterCard Contactless MasterCard TQM Amex ExpressPay Discover D-PAS Visa payWave JCB J/Speedy Interac Flash

