

# Q30

## Integrated Smart PINpad

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



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, SRED



# Q30

## Smart PINpad



## SPECIFICATIONS

|                         |  |
|-------------------------|--|
| <b>OS</b>               | Prolin   |
| <b>Processor</b>        | Cortex-A9, 1GHz  |
| <b>Memory</b>           | 512MB DDR + 512MB Flash<br>1 x Micro SD Card Slot, Supports up to 32GB   |
| <b>Card Readers</b>     | Magnetic Card Reader   Smart Card Reader   Contactless Card Reader   |
| <b>Camera</b>           | 0.3 Megapixel Fixed Focus Front Camera (optional)<br>Reads 1D & 2D Codes   |
| <b>Display</b>          | 4-Inch TFT Colour Display   800 x 480 Pixels   Capacitive Touchscreen  |
| <b>Audio</b>            | 1 x Speaker Volume up to 90 dB   |
| <b>Physical Keypad</b>  | 10 x Numeric Keys   4 x Function Keys  |
| <b>Communications</b>   | WiFi (optional)   Bluetooth (optional)   LAN   |
| <b>Card Slots</b>       | 3 x SAM  |
| <b>Peripheral Ports</b> | 1 x Multi-Functional Port  |
| <b>Adapter</b>          | Input: 100 - 240V AC, 50Hz / 60Hz   Output: 5.0V DC, 1.0A  |
| <b>Accessories</b>      | Multi-Functional Cable   Privacy Shield   Stylus Pen & Pen (optional)<br>Pole Stand (optional)   |
| <b>Indicator</b>        | Contactless Indicator   Magstripe Indicator   Chip Slot Indicator  |
| <b>Physical</b>         | L x W x H (mm) : 199 x 112 x 53.1   Weight (g) : 400 (including battery)   |
| <b>Environmental</b>    | 0°C ~ 50°C (32°F ~ 122°F) Operating Temperature<br>-20°C ~ 70°C (-4°F ~ 158°F) Storage Temperature<br>5% ~ 95% Relative Humidity, Non-condensing   |
| <b>Certifications</b>   | PCI PTS 5.x, SRED   EMV L1 & L2   EMV Contactless L1   Visa payWave<br>MasterCard Contactless   American Express Pay   Discover D-PAS<br>Interac_Flash L2   J/Speedy L2   MasterCard TQM   CSEC   UL   CE<br>FCC   RoHS   IC |

