

# TITAN

## DIFFERENTIATORS

- > PCI and EMV Level 2 certified
- > Compliant with ISO cryptography standards
- > Hybrid card reader for magnetic stripe and EMV cards (EMV level 1 certified)
- > Ideal OEM for payments integration on current and legacy unattended solutions



**We design products.  
Together we build solutions.**

## >> TECHNICAL FEATURES

<b>Human Interface</b>	Graphic 122 x 64 pixels LCD with backlit Keypad meets European Disability Discrimination Act Features: Large, Concave, raised keys with icons for visually impact (backlit as an option)
<b>Communication Interface</b>	4 RS232 interface serial port via 9 Way D type connector USB (Master and Slave) Ethernet 10/100M
<b>Memory</b>	32 MB Flash; 32 MB SDRAM 1 MB Lithium Battery backed-up RAM Five years minimum data retention
<b>Protections</b>	Tamper Responsive, Tamper Resistant and Tamper Evident according to ISO 13491
<b>Security</b>	High Security Microprocessor Standard Encryption DES, Triple DES, SHA-1 and RSA cryptographic algorithms Key management according to ISO 11568-1,2,3. Initial keys loaded by connection to the Host Security Module
<b>Card Reader (optional)</b>	Hybrid card reader for magnetic and EMV smart cards (EMV Level 1 certified)
<b>Environment</b>	Operating Temperature: -20° to 70° Celsius Operating Humidity: up to 90% non-condensing Vandal resistant keyboard (IP65)
<b>Power</b>	12 VDC / 1A (2A to motorized hybrid card reader)
<b>Approvals</b>	EMV Level 1 EMV Level 2 PCI
<b>Optional Accessories</b>	Motorized hybrid card reader

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