

The Double-Decked Security

Biometric Mobile Payment Terminal

MTB281

- Patented PCI PTS 3.X
- Integrated Finger Print Scanner
- Dual Processor
- 40lps Printing Speed
- NFC Ready
- Smart Card & Magstripe
- 1.2M Drop Resistance
- GPRS, HSPA+, WiFi, Bluetooth



MTB281 Presents the Safest Point of Service and Sales.

The Right Point of Service and Sales starts with helping the right person. Strictly demanded by the financial, healthcare, and law-enforcing public sectors, a correct user authentication is a MUST. On the very same note, the MTB281's biometric scanner runs the most stringent scrutiny by matching the details of fingerprints (like wrinkles and ridges) with each and one of the clients. Unique to each individual upon its implementation, the MTB281 generates the safest, and the most exclusive Point of Service and Sales. The MTB281 announces the permanent farewell to all misidentifications at the Point of Service and Sales. Thieves and imposters may have come a long way like mission-impossible. Now however, breaking-in will be the most impossible mission on the MTB281. Just be yourself because let the rest will follow.



MTB281

KEY FEATURES



Fingerprint Scanner



Stonewall Security™



PayGear™



NFC Ready



TankSmith™

Touch & Press: The Perfect Mix

Instead of senselessly dumping the touch screen and physical keypad together, the MTB281 has carefully thought of how to magnify the benefits of both features at once. The vivid color touch screen adds life to your shop by running the value added applications on the familiar UI. Better yet, merchants can carry out all the functions (of the touch screen) by pressing the physical key pads. Feel free to use however you like to use; this type of hybrid is only brought to you by the MTB281. One way or the other, the MTB281 supports your intuition and preference.

Performance: Geared Up Payment Speed

Performance wise, the MTB281 stands out in every aspect. It processes payment transactions in a flash while playing the advertisement and promotional events on its loud color screen. So many tasks at once, but the MTB281 refuses to lag because it is empowered by PayGear™ Platform comprised of dual processor (application/security respectively), speedy Memory, and the fastest printer, all brilliantly commanded by Bluebird Software Technology. PayGear™ Platform offers the best, and the MTB281 runs faster than the rest.

Design: TankSmith Craft of Elegance and Reliability

Having its surface coated with black glimmering texture with Gorilla® Glass, the MTB281 resembles a shiny black pearl. In turn, the MTB281 enhances the elegance of your already high-class shop. Yet on the MTB281, elegance does not mean frailty. Grounded on Bluebird's TankSmith™ Technology, the MTB281 has endured 1.2m drop test and countless inserts/slides on its MSR and IC Card Slots. The MTB281 is one of a kind; it is elegant and reliable.

Communication: Ever-Connected

If payments need to be made indoor, the MTB281 stays connected. If payments need to be made outdoor, the MTB281 stays connected. The MTB281 is compatible and flexible enough to support all connectivity types: fast modem & Ethernet (via Cradle), Bluetooth, WLAN, and HSPA+. The faster, safer and more convenient payment starts with the MTB281. Being connected at all time, you can open and run a shop right where you stand.

Security: Solid like a Stonewall

The MTB281 is well guarded by Stonewall Security™ measures that provide the payment industry's most stringent level of protection: Patented PCI PTS 3.X, certified with open protocol and SRED modules, and EMV Certifications as well as the popular encryption algorithms (DUKPT key management and Master/Session). Furthermore, the MTB281's biometric scanner runs the strictest scrutiny by matching the fingerprint details (i.e. wrinkles and ridges) with each individual. Payment has never been safer, and user identification has never been this rigorous and accurate.

Payment Scheme: All In One

The MTB281 offers true convenience to the shoppers by supporting each and one of the payment methods both old and new: Contact Payment (EMV Level 1 & 2), Magstripe, and Contactless Payment (NFC, MasterCard PayPass, Visa payWave, MiFare, Felica). You name it because the MTB281 has it. The MTB281 helps you pay and however you want to pay.

Mobility: A Brand New Definition

Even with the integrated biometrics scanner, the MTB281 still features the smallest and lightest form factor with the longest battery hours ever. Engineered to be carried, the MTB281 is one stress-free mobile payment device for your wrists. The biometric scanner is positioned on the upper coordinates of the terminal; so easy to reach, this positioning contributes to the MTB281's user-friendliness. Last but not never the least, the battery hours run beyond any work hours; you can now go the distance. The MTB281 has spelled a brand new definition for "Mobility in the Payment Industry". Reap the benefits of the full-fledged mobility brought to you by the MTB281; they are all yours now.

Application Platform: Safe and Speedy

The MTB281 has deployed the Windows CE Operation System that provides rich platform and development environment. Utilizing familiar development tools without exclusive proprietary restrictions, developers can quickly customize value-added applications for their client merchants. And yet, the level of security stays the same. Putting it together, the MTB281 offers a secure, open, and easy platform without any discrimination.

SPECIFICATIONS

PERFORMANCE CHARACTERISTICS	
CPU	ARM9 32-bit 533MHz Security Processor
OPERATING SYSTEM	Windows CE6.0
MEMORY	128MB RAM / 128MB, 512MB Flash
PHYSICAL CHARACTERISTICS	
DIMENSIONS (L X W X D)	179 x 78 x 62.4 mm
WEIGHT	410g
DISPLAY	2.8 inch. QVGA (320 x 240)
TOUCHPANEL	Capacitive / Stylus (Optional)
BACKLIGHT	LED backlight
POWER	User replaceable Battery 7.4V, 1500 mAh
EXPANSION SLOT	MicroSD 32GB SDHC
SIM / SAM	3 SAM or 1 SIM / 2 SAM
INTERFACE	1 x Micro USB 2.0 (OTG), 1 x Power Supply Connector
KEYPAD	3x5 numeric backlit keypad, 9 Backlit operational keypad
VOICE AND AUDIO	Buzzer, Speaker (Optional)
WIRELESS WAN DATA AND VOICE COMMUNICATIONS	
RADIO FREQUENCY BAND	2G : GSM/GPRS (850/900/1800/1900 MHz)
GPS	N/A
WIRELESS LAN	
RADIO	802.11 b/g/n
WIRELESS PAN	
BLUETOOTH	Bluetooth V2.1 + EDR Class1 or 2
DATA CAPTURE	
NFC	ISO 14443 Type A & B, MiFare
BIOMETRICS	Fingerprint Scanner

PAYMENT	
MSR	Bi-directional, 3-track
CONTACT	EMV Level 1 and 2 type approved, ISO 7816, 3V, 5V
CONTACTLESS	(Optional) EMV Contactless Level 1, MasterCard PayPass, Visa payWave All Types Supported - MIFARE/CALYPSO/ETC.
SECURITY	Stonewall Security™ PCI PTS 3.X
PRINTER	
SPEED	100 mm/second
SIZE	2", 40mm
USER ENVIRONMENT	
OPERATING TEMP.	0°C to 50°C / 32°F to 122°F
STORAGE TEMP.	-20°C to 60°C / -4°F to 140°F
HUMIDITY	5% to 95% relative humidity, non-condensing
DROP SPEC.	Tanksmith™ Technology 1.2m
TUMBLE SPEC.	0.5M 200cycle
SEALING	Spill resistant keypad
ACCESSORY	
IN-BOX	Battery, Battery Cover, Power Adapter & Cord, Adapter Gender
ADDITIONAL	1 slot charging or ethernet cradle, Battery Charger, Vehicle charger, Privacy Shield, USB Cable, Wrist Strap, Printer Paper, Stylus

* Please ask your sales representative for the specs not listed above.

