

PM200

HANDY-SIZED DATA COLLECTOR

Unbeatable powerful processor in the class

PM200 adopts powerful Cortex A8 – 800MHz microprocessor from Texas Instruments, unbeatable specification among same compact data collector class in the industry. Its memory is 128MB/256MB for RAM/ROM as well as its expansion micro SD card slot can accept SDHC card up to 32GB.

Best affordable data collecting solution

PM200 is designed for "what users need most" at daily data collecting works, with less superfluous features but essential ones, to make users satisfied with affordability in aspect of overall total cost of ownership (TCO), such as Windows Embedded CE 6.0 Core operating system should be fit on most of stock-taking applications because it is proven platform for decades.

Well-balanced features toward industrial-friendly

Wireless features supports Wi-Fi IEEE 802.11 b/g/n and Bluetooth v.2.1 Class with EDR(Enhanced Data Rate) function. PM200 equips with world-class barcode scanners with the choice between 1D laser scanner and 1D/2D area imager. Especially, it provides dramatic comfort on your wrist at any intensive scanning work such as stock-counting and asset management. Also, widely-used QVGA color screen makes most of all applications fit on 2.4 inch TFT-LCD based touch screen with sharp edges of fonts and images.

Compact, still yet rugged at various environments

Compact size that 235g, including standard battery, provides complete single-handed operation in various fields. Despite handy-sized, it is still robust and rugged as 1.5 meter drop on concrete and IP64 rain/dust proof as well as 500 tumbling survival at 1meter height.





























PM200

PHYSICAL CHARACTERISTICS

With standard batt. $157mm L \times 57mm W \times 40.2mm D$ 6.18 in, L x 2.24 in, W x 1.58 in D

Weight

With standard batt. 235g / 8.2oz

2.4", IPS panel (240 x 320 pixel) QVGA Display

TFT-LCD LED backlight Resistive touch

Standard Battery 3.7V, 2,400mAh Li-ion rechargeable

IEEE 1725 Compliant

3.7V, 3,600mAh Li-lon, rechargeable Extended Battery

IEEE 1725 Compliant

Numeric (28 key) with backlit keys Keypad

Standard Communications

High speed USB V2.0 and

USB HOST for support Ethernet via Ethernet cradle(SEC) Wireless

PERFORMANCE CHARACTERISTICS

Main-Processor

TI - Cortex A8 Processor @ 800MHz

Operating System

Microsoft Windows CE6.0 Core

Memory and Storage

RAM 128MB ROM (NAND Flash) 256MB

Micro-SD card slot supports Micro-SD

up to 32GB SDHC

USER ENVIRONMENT

Operating Temperature -10°C to 50°C / 14°F to 122°F

Storage Temperature

-20°C to 70°C / -4°F to 158°F

95% Non-condensing

Humidity Drop

1.2m(4 ft) over the operating

temperature range

Rain / Dust Proof IP64 (Sealing)

Tumble

500 cycles (1,000 hits) at 1 m / 3.3ft

Electrostatic Discharge

±15 kV air discharge ±8 kV contact discharge

DATA CAPTURE

Integrated Barcode Reader

1D Laser Scanner All 1D standard symbology & Postal code 2D Imager Scanner All 1D/2D standard Symbology

including GS1 Databar

WIRELESS

Wireless LAN

Data rates IEEE 802.11 b/g/n

Antenna Internal

WIFI WEP/WPA/WPA2 and more Security Authentication PEAP/MS-CHAPv2, EAP-TLS, CCX v4

Wireless PAN

Bluetooth Integrated Bluetooth Class II,

Version 2.1+EDR

Channels 0 to 78 (2402-2480MHz)

1, 2, 3Mbps Data Rates Antenna Internal

REGULATORY APPROVALS AND COMPLIANCE

EMC, RF, Laser, LED approvals Radio: CE, KCC Marks Environmental: RoHS & WEEE compliant



