

PM451

BRING SUPERIOR 4G CONNECTIVITY TO YOUR WORKPLACE

Making outdoor tasks easier with LTE connection

The optional LTE option lets your employees continue to do their tasks without worrying about losing the network connection. Now being able to make data input/output with seamless connectivity, your workers will be able to handle all warehouse logistics problems with ease - no matter where they are.

Revolutionize the way you capture data

PM451 is designed to run Android, the operating system of choice when it comes to rugged handheld terminals used in the warehouse. Accompanied by Point Mobile's unique Enterprise Mobility Kit (EmKit™), this device provides a fast and seamless user experience, minimizing the time and resources for training your workforce.

Configure the PM451 just as you need it

The standard range 1D/2D imager reads all GS1 symbologies as well as poorly printed barcodes. You can opt for the extra long range imager version that scans barcodes from a distance of up to 12 meters. Two LED indicators on each side will instantly give you information about scanning. In addition, as an effort to meet various needs of our customers, PM451 will come with three types of keypad options which are Numeric, Function Numeric and Alpha numeric. Finally, the ergonomically designed optional gun grip will further increase the productivity of your workforce.

Outstanding durability for rough warehouse tasks

As a heavy-duty mobile terminal, PM451 is tuned with an IP65 rating and a drop resistance of 2m (MIL-STD 810G). Combined with the ability to survive dramatic temperature changes and many more extreme conditions, PM451 is a device you can always rely on during the hardwork.



Industries

Transport & Logistics
Manufacturing & WMS

Accessories

Standard

AC/DC Power Adaptor
Country Plug
USB Type-C Cable
Standard Battery
Stylus
LCD Protection Film

Optional

Gun Handle
Single Slot Cradle (opt. with Ethernet)
4 Slot Charging Cradle
4 Slot Battery Charger



PM451



PERFORMANCE CHARACTERISTICS

Main-Processor

Qualcomm® SDA660 2.2GHz Octa Core

Operating System

Google Android Android 9.0 (upgradable to a newer version)
(GMS certified) FOTA (Firmware Over The Air) update

Memory and Storage

RAM 4GB
ROM (NAND Flash) 64GB
SIM 1 Micro SIM slot

Sensor

Proximity sensor, Light Ambient sensor,
Accelerometer

PHYSICAL CHARACTERISTICS

Dimensions

With standard batt. 214.94mm L x 77.26mm W x 39.25mm D
8.46 in. L x 3.04 in. W x 1.55 in D

Weight

450g / 15.87oz

Display

4.3", IPS panel (480 x 800 pixel) WVGA
LED backlight
Daylight readable (min 500 nits)
Wideviewing angle
Multi-touch capacitive
Corning Gorilla glass

Power

STD Battery 4,000mAh Li-ion rechargeable
EXT Battery 5,700mAh Li-ion rechargeable
Back-up Battery 60mAh (10C) Li-ion rechargeable (Hot-Swap)

Keypad

3 Keypad options (backlit keys) Numeric, Function Numeric, Alpha numeric keypad (optional)

Voice and Audio

Built-in microphone and speaker
headset jack (3.5mm)

Standard Communications

USB 2.0 Type C/OTG
(supports battery charging PC, USB memory)

Notification

LED Power (Charging, Battery Fault)
Notification (Message, Scan)

Vibration

GLOBAL POSITIONING SYSTEM

GPS

WiFi SKU : No GPS
Phone SKU : Qualcomm GPS
GNSS Receiver Support for GPS, GLONASS, Galileo and Beidou

WIRELESS

Wireless WAN

EDGE/GPRS/GSM 900/1800/850/1900
WCDMA B1/2/4/5/6/8/19
LTE FDD B1/2/3/4/5/7/8/12/13/ 19/20/25/26/28
LTE TDD B38/B40/41

Wireless LAN

Radio IEEE 802.11a/b/g/n/ac/d/h/i/k/r/v, IPv4,
IPv6, MU-MIMO

Security and Encryption

WEP (40 or 104bit)
WPA/WPA2 Personal (TKIP, AES)
WPA/WPA2 Enterprise (TKIP/AES) -
PEAP (MSCHAPv2, GTC),
TLS, TTLS (PAP, MSCHAP, MSCHAPv2,
GTC)
PWD, SIM, AKA, AKA', LEAP
CCX v4 supported
WiFi Direct and Hot spot support

Wireless PAN

Bluetooth Integrated Bluetooth Class I, Ver. 5.0
BLE support

DATA CAPTURE

Integrated Barcode Reader

1D barcode scanner EM1350

2D barcode scanner N6703

Long range EX30

Camera

Top 13MP with LED flash

USER ENVIRONMENT

Operating Temperature -20°C to 50°C / -4°F to 140°F

Storage Temperature -40°C to 70°C / -40°F to 158°F

Humidity 95% Non-condensing

Drop Multiple drops from 1.5m (5ft) to concrete
over the entire operating temperature range

Multiple drops from 2m (6.5ft) per
MIL-STD 810G at room temperature

Rain / Dust Proof (Sealing) IP65

Tumble 1,000 cycle (2,000hits) at 1m / 3.3ft

Electrostatic Discharge ±15 kV air discharge
±8 kV contact discharge

REGULATORY APPROVALS AND COMPLIANCE

Certified CE, CB, RCM, KC, IC, FCC, IFITEL, NOM, NBTC, CU,
FAC, NRCAN, DOE, CEC
Environmental: RoHS III & WEEE compliant

ENTERPRISE SOLUTION

SOTI, Airwatch, Teamviewer



Power Launcher Kiosk mode with system restriction
Allows admin to restrict operator's
access to system settings, MTP
connection and screen capture.

Direct Clone Master PDA from IT admin become a
secured local server for nearby Point Mobile
Android device. With Direct Clone, restore
network, system, scanner settings and
apk file.

Scan2Set Unique two-step feature for Point Mobile
Android models that enables the fastest
device deployment right out of the box.

PULS - ANDROID UPDATE & SECURITY

PULS is Point Mobile's lifetime solution, which extends the
life cycle of Android-based Point Mobile enterprise devices to
up to seven years after a product launch.



Patches, Updates & Lifetime Support

Stay up-to-date with the latest updates for 7 years
PULS comes free of charge for security patches & updates
Get the latest Android version and its newest features
Conveniently update your devices in the field by FOTA

For further information, please visit www.pointmobile.co.kr
or contact your regional sales representative.

WARRANTY

Subject to the Terms and Conditions, PM451 carries 1 (one)
year-warranty period from the date of purchase against the
defective materials and manufacturing defects.

For the further inquiry, please contact:
service@pointmobile.co.kr