SCOPE LINK
BARCODE TECHNOLOGIES
https://www.scopelink.com.au

PM451

POINT Mobile

BRING SUPERIOR 4G CONNECTIVITY TO YOUR WORKPLACE

Making outdoor tasks easier with LTE connection

The 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 on PM451, your workers can handle all warehouse logistics problems with ease - no matter where they are. Expect a fast and consistent WiFi connection anytime as well through 2x2 MU-MIMO technology.

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 with a maximum reading distance of 29 meters (when decoding 100 MILS C39 RFL symbology). 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.

android enterprise recommended

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 (5,700mAh)
- Stylus
- LCD Protection Film

Optional
- Gun Handle
- Optional Battery (4,000mAh)
- Single Slot Cradle (opt. with Ethernet)
- 4 Slot Charging Cradle
- 4 Slot Battery Charger

POINT MOBILE DATA SHEET
PM451-DS14-EN

PM451

PERFORMANCE CHARACTERISTICS

Main-Processor
Qualcomm® SDA660 2.2GHz Octa Core

Operating System

Google Android (GMS certified)	Android 9 or 11 (upgradeable to Android 14) 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
Grip	61.6mm 2.43 in

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	5,700mAh Li-ion rechargeable
OPT Battery	4,000mAh 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
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, 2x2 MU-MIMO
Data Rates	5GHz: 802.11a/n/ac: Up to 866.7 Mbps 2.4GHz: 802.11b/g/n: Up to 300 Mbps
Operating Channels	1 to 13 (2412~2472MHz) 36 to 165 (5180~5825MHz)
Channel Bandwidth	20, 40, 80 MHz
Security and Encryption	WEP (40 or 104bit) WPA/WPA2 Personal (TKIP, AES) WPA/WPA2 Enterprise (TKIP/AES) WPA3 Personal (SAE)* WPA3 Enterprise (AES)* WPA3 Enterprise 192-bit mode (GCMP 256)* Enhanced Open (OWE)* PEAP (MSCHAPv2, GTC), TLS, TTLS (PAP, MSCHAP, MSCHAPv2, GTC) PWD, SIM, AKA, AKA', LEAP CCX v4 supported WiFi Direct and Hot spot support
Fast Roam	CCKM, 802.11r

*Supported on Android 11 devices only

Wireless PAN

Bluetooth	Integrated Bluetooth Class I, Ver. 5.0 BLE support

DATA CAPTURE

Integrated Barcode Reader

1D barcode scanner	SE965
2D barcode scanner	N6703
Long range	EX30

Camera

Top	13MP with LED flash

NFC (Near Field Communication)

NFC-Forum (NFC-IP MODES)	Reader For NFC Forum (Tag Types 1 To 5), P2P Active (106 To 424 kbps) Initiator and Target, P2P Passive (106 To 424 kbps) Initiator and Target
Reader (PCD - VCD)	ISO/IEC 14443 A, ISO/IEC 14443 B ISO/IEC 15693, Mifare Classic 1K/4K Mifare DESFire, Mifare UltraLight©, Sony FeliCa

USER ENVIRONMENT

Operating Temperature	-20°C to 60°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 1.8m (6ft) 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

EmKit

Scan2Stage	PC tool for provisioning Point Mobile Android devices. With Scan2Stage, IT administrator can prepare the settings of the device and make QR code for Scan2Set.
EmKiosk	Kiosk application for Point Mobile devices. IT administrator can restrict the scope of the operator's system execution via EmKiosk to increase productivity and prevent distractions.
Direct Clone	Solution for restoring the devices to the same settings with no internet connection. With Direct Clone, a Master PDA becomes a hotspot server and sends its backup file to nearby client devices to clone the settings.

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.

PULS
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.com 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.com

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For more information, visit www.pointmobile.com

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