

SP419

Compact mobile Bluetooth printer



SP419 (4-inch)

The SP419 is Unitech's compact-sized Bluetooth® mobile printer. Designed specifically for mobile users, these affordable printer is compact and lightweight to wear comfortably for an entire shift.

The Unitech mobile printer provide seamless integration with your existing Unitech mobile solutions, a perfect fit for mobile workers allowing them to extend their applications and efficiency even further.

For price-conscious buyers who are looking for a 4" label the SP419 is a great choice.

Adjustable paper width printing

The SP419 deliver competitive advantage for labels and receipts printing by supporting different widths of media rolls. You can adjust the slides to fit the paper width easily.



Accessories:
USB power adapter, 2600mAH/1500mAH battery and USB-C data cable.



Connectivity:
USB charging and USB-C data connection.



Scalable:
Adjustable paper width, supporting different media rolls.

Receipt and label printing

The Unitech mobile printer is ideal for retail and mPOS applications, such as retail shelf-edge labelling, price labelling, return labelling and re-labelling. To support the requirements of mobile printing for the transportation, field service and warehouse markets, the Unitech SP419 is a perfect match as it supports printing format labels and receipts up to 4" width.

Low energy consumption

The Unitech mobile printers are the ideal smart-device companions as they connect seamlessly via USB-C and to low energy Bluetooth® (Bluetooth® version 4.2) - reducing its power consumption.

The rechargeable 2600mAh Li-iON battery and a highly optimized power management scheme optimize the battery run time - providing long oper-ating hours of an entire shift without disruptions.

Main features

- Unitech 4" mobile printer
- Adjustable printer roll slot - adjust the width of receipts printed
- Supports label and thermal paper
- Clear quality print - supports up to 203dpi resolution
- Supports USB-C and low energy Bluetooth® 4.2
- Fast charging battery - charging time 2.5 hours
- Compatible with Windows, Android and iOS mobile devices
- Supports ESC/POS and is CPCL compatible

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SP419
Specifications









Printer Specifications

Printer mode	Direct thermal
Max. printer width	4" / 104mm
max. printer speed	55mm per second
Resolution	203dpi (8 dots / mm)
Printer core live	150km (25% print density or the following) / Each point: 1.5 million pulses
Programming languages	ESC/POS CPCL (compatibility)

System support

Windows CE/Mobile	Supports Microsoft standard SDK, API interface invocation (CE5.0 or above Mobile5.0 or above)
Android	Supports Google standard SDK, API interface invocation (2.0 or above)
iOS	Supports iOS system & supply iOS SDK

Display and indicator

Display:	OLED Screen
Message:	Printing status, out of paper, cover open, low battery, charging complete, communication mode and configuration mode.
Black Mark detection:	Supports left mark & right mark detection
Label detection:	Supports label detection

Printable content

1D barcode:	CodaBar, Code39, Code128, Code93, ITF, EAN-8, EAN-13 ,UPC-A,UPC-E
2D barcode:	QRCode, PDF417, DataMatrix

Supporting fonts:
English, Russian, Turkish, Arabic (optional), Chinese, Japanese, Korean and other multi-language characters, numbers, graphics and curves.

Media specifications

Media width	46mm-110mm (between any print width)
Max. media roll size	≤56mm
Media thickness	1.97 ~ 7.09mil
Media type	Labels, Thermal paper
Print code	GBK, BIG5, Unicode (UTF8)
Code page	ASCII font (8X16,12X24,16*32), GBK (16X16,24X24,32*32), BIG5 (16X16,32X32)

Communication

USB	Type-C
Bluetooth	Bluetooth 2.1+4.2(BLE) supports multi-device connection.

Enclosure

Weight	550g (with battery)
Dimension	168 x 113 x 68 mm

Power Source

Main battery (ZBL262)	19.76Wh (2600mAh) 7.4V rechargeable Li-iON
Charging time	2.5 hours
Standby time	100-120 hours
Power seving mode	Auto sleep, auto wake-up

Environmental

Operating temperature	5˚C ~ 40˚C
Operating relative humidity	20% ~ 85%
Storage temperature	-20˚C to 70˚C
Storage relative humidity	5% ~ 95%

Certificates
CE, RED, RoHS, BQB

Warranty
Main printer unit 1 year
Printerhead 6 months

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