SP319 and SP419

Compact mobile Bluetooth printer

SP319 (3-inch)

SP419 (4-inch)

The SP319 and SP419 are Unitech's compact-sized Bluetooth® mobile printers. Designed specifically for mobile users, these affordable printers are compact and lightweight to wear comfortably for an entire shift.

The Unitech mobile printers provide seamless integration with your existing Unitech mobilie 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 3" or 4" label and receipt printer, the Unitech SP319 and/or SP419 are a great choice.

Adjustable paper width printing
The SP319 and 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.

Receipt and label printing
The Unitech mobile printers are 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 and warehouse markets, the Unitech SP419 is perfect match as it supports print 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 the low energy Bluetooth® (Bluetooth® version 4.2) - reducing its power consumption.

The rechargeable lithium polymer battery 2600mAh and a high optimized power management scheme optimize the battery run time - providing long operating hours of an entire shift without disruptions.

Main features
- Unitech 3" and 4" mobile printer
- Adjustable printer roll slot - adjust the width of receipts printed
- Clear quality print - supports up to 203dpi resolution
- Fast printing speed for text in various languages and graphics.
- Supports 1D and 2D barcodes
- Fast charging 2600mAH battery - charging time 2.5 hours
  Battery life to last of full day shift
- Supports USB-C and low energy Bluetooth® 4.2
- Compatible with Windows, Android and iOS mobile devices

Accessories: USB power adapter, 2600mAH Battery and USB-C data cable.

Connectivity: USB charging and USB-C data connection.

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SP319 Specifications

Printer Specifications

Printer mode	Direct thermal
Max. printer width	3" / 72mm
max. printer speed	70mm 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	Support Microsoft standard SDK ,API interface invocation (CE5.0 or above Mobile5.0 or above)
Android	Support Google standard SDK ,API interface (2.0 or above)
iOS	Support iOS system & supply IOS SDK

Display and indicator

OLED screen: printing status, out of paper, cover open, low battery, charging complete and communication mode.

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, Arabic, Chinese, Japanese Korean and other multi-language characters, numbers, graphics, curves, pre-storage icon.

Media specifications

Media width	42mm-80mm (between any print width)
Max. media roll size	≤50mm
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	354g
Dimension	109 x 107 x 55 mm

Power Source

Main battery (ZBL261)	19.76Wh (2600mAh) 7.4V rechargeable lithium polymer
Charging time	2.5 hours
Standby time	180-200 hours
Power seving mode	Auto sleep, auto wake-up

Environmental

Operating temperature	-0˚C to 50˚C
Operating relative humidity	20% ~ 85%
Storage temperature	-20˚C to 70˚C
Storage relative humidity	5% ~ 95%

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	Support Microsoft standard SDK ,API interface invocation (CE5.0 or above Mobile5.0 or above)
Android	Support Google standard SDK ,API interface (2.0 or above)
iOS	Support iOS system & supply IOS SDK

Display and indicator

OLED screen: printing status, out of paper, cover open, low battery and charging complet.

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, Arabic, Chinese, Japanese Korean and other multi-language characters, numbers, graphics and curves.

Media specifications

Media width	42mm-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	500g
Dimension	168 x 113 x 68 mm

Power Source

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

Environmental

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

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