# EP800 POS Terminal
## Reshaping omni-channel retail

Looking for a multi-purpose solution for omni-channel retail and Direct Store Delivery? Unitech EP800 is designed to meet those needs!

### Unitech moves with the industry
The retail industry is ever-changing and becoming more omni-channel day by day. To move with the fast pace of retail, Unitech has developed the EP800. This POS terminal with payment and printing solutions; is designed to be applicable everywhere and every time.

### Proof-of-payment everywhere
The Unitech EP800 is the first Android-based POS Terminal with integrated 30mm thermal printer. With this great functionality, it doesn't matter where the transaction is made, a proof of payment can always be provided. Imagine you are doing a delivery in a tea field somewhere with no possible internet connection for a digital proof. No problem.
Do you do a delivery at someone's house in a small remote town? No problem. The EP800 is designed to deal with every eventuality.

### A world of possibilities
The EP800 runs on Android which makes adding functionalities easier than before. With a EMV L1/L2 and contactless certification for payment and a chip card and NFC reader,

the basis for efficient payment is already set. Next to this, the EP800 is operated by a strong 1.2 Ghz Quad Core CPU with 2 GB of RAM and 16 GB of ROM.

The EP800 is designed to work in all circumstances, **with a functioning touch screen, even when wearing gloves or outside in the rain.** The EP800 can withstand a drop from up to 1.2 meters and operate in freezing cold and blazing heat. In addition to great printing and payment solutions, the EP800 is also supplied with a 1D and 2D CMOS barcode scanner for all-round application in DSD.

### Features
- Integrated thermal 30mm printer
- 1D and 2D barcode scanning
- Total weight of only 550 grams
- 7.4V 2800 mAh Li-ION battery with optional 3.8V 5000 mAh
- 5" TFT-LCD touch screen
- EMV L1/L2 and contactless ready
- Integrated chip card, NFC and MSR reader
- Device, roll of paper, psu and comms cable

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Version 5 **EP800**
Specifications

### Operation System
| | |
|---|---|
| CPU | 1.2 Ghz Quad core |
| OS | Android 5.1 |
| Memory | 2 GB RAM / 16 GB ROM |
| Card Slot | 1X Micro SD |
| | 1x SIM |
| | 2x SAM |
| Input | Chinese/English and supports handwriting and soft keyboard |

### Display
5" TFT-LCD HD (720x1280) color screen Ultra sensitive capacitive touch screen works with gloves and wet fingers

### Keys
| | |
|---|---|
| Front: | User define button, cancel button, confirm button, clear button |
| Side: | SCAN button (x2), volume switch and ON/OFF button |

### Audio
Buzzer and Speaker (Mono)

### Communication
| | |
|---|---|
| Interface | USB |
| WWAN | 4G TDD-LTE / FDD-LTE, 3G |
| WLAN | WiFi 802.11 b/g/n, |
| Bluetooth ® | Bluetooth ® 4.0, |
| GPS | GPS support |

### Camera/Photos/Video
5MP camera

### Printer
| | |
|---|---|
| Printer | Integrated 2" thermal printer with 30mm paper roll |
| Paper | width: 50 mm; diameter: 30 mm |

### Barcode scanner
1D and N3680 2D CMOS support
LED illumination for reading barcodes in poor light conditions
Reads barcodes from different media (paper, LCD screens)

### Card reader
Contactless NFC
ISO 1443 A/B integrated card reader or equivalent such as Mifare, Mifare Plus, Mifare Ultralight, Mifare DESfire card

### Additional Support
Chip card, NFC and MSR readers, 2 PSAM slots

### Satellite location receiver
| | |
|---|---|
| Type | GNSS |
| Precision | Up to 5m |

### Power Source
| | |
|---|---|
| Main battery | 7.4V 2800 mAh / 3.8V 5000 mAh LI-ION battery back, rechargeable |
| Operation | Up to 8 hours of continuous operation with a minimum backlight of 50%, without printing and depending on application |

### Enclosure
| | |
|---|---|
| Dimension | 184 mm x 81 mm x 32 mm |
| Weight | 550g (including battery) |
| | 600g (fully equipped; battery, printer, paper) |

### Environmental
| | |
|---|---|
| Operating temp. | -0°C to 50°C |
| Storage temp. | -20°C to 60°C |
| Relative humidity | 5% ~ 95% (non-condensing) |
| Drop specification | 1.2m |

### Regulatory Approvals / Certifications
CE & RED certified, EMV L1/L2 & EMV Contactless ready, PCI ready, Paveway ready, Paypass ready

### Warranty
| | |
|---|---|
| Terminal | 1 year |
| Battery | 3 months |

### Accessories
| | |
|---|---|
| Standard | Power adaptor, data line, battery |
| Optional | Cradle (USB) or (Ethernet/modem) carrying holster/case, wrist strap, stylus and paper roll. |

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