



Mobile printer
Apix P20
Rugged and resistant



Compatible with



Ideal solutions for portable printing

- Durable and robust with rugged design
- Magnetic stripe reader & smart card reader (Option)
- Standard interface Serial(RS-232C), USB 2.0 and optional Bluetooth Smart Ready (Bluetooth 4.2+BLE) or Wi-Fi(802.11a/b/g/n) available.
- Prints at 80mm per second
- Fast AC charger and long life battery: 2.5Hrs charging time, 17Hrs stand-by
- Optional accessories: Protection case, shoulder strap, cradle
- Various O/S drivers



ACCESSORIES



Case



Cradle



Strap

MSR

Magnetic stripe reader &
smart card reader (Option)



Printer Specifications

Printing method: Direct thermal
Printing speed: 80mm / sec
Dot density: 203 dpi
Dot pitch: 8dots /mm, 0.125 Pitch
Effective printing width: 48mm, 384dots/line
Character per line (esc/pos) font:
a(12 x 24) 32 columns
Font b(9 x 17) 42 columns
Font c (8x16 dots): 48 columns, asian font

Paper

Type: thermal paper
Width: max. 58Mm
Thickness: 0.06~0.09mm
Roll diameter: max. Ø 48mm
Roll core inner: 12.5mm ± 0.5mm

Reliability

Tph life: 50km
Pulse activation: 100,000,000pulse (12.5% Print ratio)

Character Set

Alpha numeric Character: 95
Extended graphic: 128 x 18page(1 space page)
International character: 14

Barcode

ESC/POS:

1D: EAN-8, EAN-13, Code39, ITF, UPC-A, UPC-E, Codabar, Code93, Code128
2D: QR, PDF417

CPCL:

1D: LUPC-A(+2,+5), UPC-E(+2, +5), EAN13(+2, +5), EAN8(+2,+5), Code39 etc. (CPCL)
2D: QR, PDF417, MicroPDF417, Maxicode, Datamatrix, Aztec, TLC39, RSS14

ZPL:

1D: Code11, ITF, Code39, Planet, EAN-8, UPC-E, Code93, Code128 etc. (ZPLII)
2D: QR, PDF417, MicroPDF417, Maxicode, Datamatrix, Aztec, TLC39, RSS14

EPL:

1D: Code39, Code93, Code128, Codabar, EAN-(+2,+5), EAN13(+2,+5), ITF etc. (EPLII)
2D: QR, PDF417, Maxicode, Datamatrix, Aztec, RSS14

Emulation

ESC/POS, CPCL, ZPL, EPL, Command Compatible

Driver

Window Printer Driver(10, 2012, 8.0/8.1, 7, 2008, Vista, 2003, XP, 32 & 64bit),
Windows (CE 4.2 & 5.0 & 6.0 & 7.0 / Mobile 5.0 & 6.0)

Sensor

Paper End Sensor

Interface

Standard: Serial(RS-232C), USB 2.0
Option: Bluetooth Smart Ready(Bluetooth 4.2+BLE), Wi-Fi (802.11a/b/g/n)

Battery charger

External Charger (Output 8.4V/800~1400mA)

Battery

7.4V 2000mAh Li-ion, 2.5Hrs Charging Time
17Hrs stand-by (Option : 2500mAh)

MSR(Optional)

CARD STANDARD: ISO 1&2 or ISO 2&3
TRACK: 1&2 Track or 2&3 Track
HEAD LIFE CYCLE: 300,000 Passes(minimum)

EMV II(Optional)

MSR:

CARD STANDARD: ISO 1&2&3 or ISO 1&2&JIS-II
TRACK: ISO Track 1&2&3
HEAD LIFE CYCLE: 500,000 Passes(minimum)

ICR:

CARD STANDARD: ISO 7816
HEAD LIFE CYCLE: 100,000 Passes(minimum)

Physical characteristics

Drop resistanc: 1.8M drop resistant
IP: ip 54 certified
Dimension: 93mm x 138mm x 62mm (w x d x h)
Weight: 440g (with battery)
Temperature operation: -10 ~ 50°C
Temperature storage: -20 ~ 60°C
Humidity operation: 10 ~ 80%
Humidity storage: 10 ~ 90%

All specification and desings
are subject to change without notice.