Datasheet

BLUEBIRD

Seamless & Compact Payment Terminal

SP60-M

Front Rear

*Design is not final, subject to change

Industry & Applications

Retail – Store associates
-Price/Inventory checks
-Inventory management
-BOPIS (Buy online, Pick up in store)
-Loyalty management
-Assisted selling
-Voice communication
-Electronic coupons
-Store transfers
-Gift registry lookup

Retail – Store managers
-Workforce management
-Planogram management
-Promotion compliance
-Merchandising

Field Service Technicians
-Asset management
-Invoicing

T&L
-Proof of Delivery

Healthcare
-Patient management,
Staff communication

Hospitality
-Order taking

Government/Public Safety
-ID validation/Ticketing

BOS™ Solutions & Software

-BOS™ TMS

Experience the seamless transaction of SP60-M, the new payment device of Bluebird. Elevate your payment with our reliable and robust mobile POS terminal that boasts a myriad of payment certifications. Backed by the unparalleled reputation of Bluebird in the payment market, our SP60-M is the epitome of excellence in mobile payment terminals. Unlike other Point of Sales device, it has slim & compact design for users. Its ergonomic and integrated design transforms every transaction into a breeze, offering you a complete solution that seamlessly combines a Payment Terminal and Mobile Computer in one sophisticated device. With SP60-M, it is able to experience the innovative payment in various fields.

Key Features

BEST-IN-CLASS FEATURES AND POWERFUL PERFORMANCE

Large Display

The large 6.01-inch display provides more quality information to the device users and at the same time, it enhances working condition with the best-in-class outdoor readability for users to read the screen even in bright sunlight.

Secure & Stable Payment device

Whether you're on the go with Mobile Point of Sales, handling Last Mile Parcel delivery payments, making In-Store transactions, or beating the queues with Line Busting, the SP60-M ensures worry-free security at every step.
Join the ranks of satisfied users who trust Bluebird's reputation, already making waves in major department stores across Korea. With a proven track record in the Korean Payment market, the SP60-M is your key to a seamless and secure payment journey. Embrace the future of worry-free transactions with SP60-M – because your security matters.

Ultimate Performance

Step into the future with cutting-edge technology! Our payment solution, equipped with an advanced IoT Octa Core 2.0GHz Processor and sufficient memory, maximize processing speed. The SP60-M is not just ready for today – it's a visionary investment for the future. Embrace seamless performance now and unlock a world of possibilities ahead.
Your journey to the forefront of innovation starts here.

BLUEBIRD

Specifications

PERFORMANCE CHARACTERISTICS

CPU	2.0 GHz Octa Core Processor and Secure Processor
Operating System	Android 12 with Bluebird StoneWall™ Security
Memory	4GB RAM + 32GB FLASH (Optional) 2GB RAM + 32GB FLASH

PHYSICAL CHARACTERISTICS

Dimensions (L x W x D)	183 × 78 × 19.9 mm
Weight	310g
Display	6.01" HD+(720 × 1480), IPS, Incell; 408 nits
Power	Same as 3.8V 4000mAh, 7.6V 2000mAh (Optional) Batteryless configuration is supported
Expansion Slot	1 Micro SD Card, Supports up to 512GB
SIM / SAM	Default : 1 SIM/ 2 SAM (SIM slot also supports SAM) (Optional) eSIM
Interface	Type C USB, supports OTG. 10-Pin Pogo Connector (Located on the back of the device)
Keypad & Button	5 Keys : Power ON/OFF Volume+ Volume- 2 x Quick Scan button (left and right)
Voice and Audio	1 Buzzer 1 Speaker

WIRELESS WAN DATA & VOICE COMMUNICATIONS

Radio Frequency Band	WorldWide 4G : B1/ B2/ B3/ B4/ B5/ B7/ B8/ B9/ B12/ B13/ B14/ B17/ B18/ B19/ B20/ B25/ B26/ B28/ B38/ B39/ B40/ B41/ B66 3G : B1/ B2/ B4/ B5/ B8/ B19 2G : 850/900/1800/1900
GPS	GPS/Glonass/Galileo/Beidou

WIRELESS LAN

Radio	802.11 a/b/g/n/ac
Data Rates	5GHz: 802.11a/n/ac — up to 433 Mbps; 2.4GHz: 802.11b/g/n — up to 150 Mbps

WIRELESS PAN

Bluetooth	Bluetooth v5.0, BLE, Class 2

WIRED LAN

Ethernet	w/ Charging and Communication Cradle or Ethernet Hub (Magic Box)

DATA CAPTURE

Scanning	Optional: Professional 1D/2D Scanner
Camera	Front : 0.3MP FF (Optional) 2MP FF Rear : 5MP AF Rear with Flashlight (Optional) N.A/8MP/13MP AF Rear camera

PAYMENT

MSR	Track 1/2/3, Bi-directional
Contact	EMV Level 1 & 2, ISO 7816, PBOC 3.0 ISO 7816
Contactless	13.56MHz, ISO 14443, Type A&B, Felica, Mifare, EMV LEVEL 1&2 compliant Type A & B Card; Mifare Card; ISO/IEC 14443, qPBOC3.0; (Under Display Contactless Solution)
Security	PCI-PTS 6.x

SENSOR

Motion Sensor	Supports G-Sensor

USER ENVIRONMENT

Operating Temp	-10°C to 50°C
Storage Temp	-20°C to +70°C
Humidity	5% ~ 95% Relative Humidity, Non-condensing
Electrostatic Discharge (ESD)	'+/-15kVdc air discharge +/-8kVdc direct discharge +/-8kVdc indirect discharge

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Specifications (Continued)

SOFTWARE SOLUTIONS

BOS™	BOS™ - TMS

Certifications

PCI PTS 6.x SRED
EMV Contact L1 & L2
EMV Contactless L1
Visa payWave
MasterCard Contactless
Amex
Discover D-PAS
ExpressPay
JCB J/Speedy
TQM
CE
FCC
Battery
RoHS

ACCESSORIES

In-box	Battery, Battery cover, 5V/3A Power Adapter & Cable
Additional	Charging Base Multi-functional Communications Base Stylus Pen / Stylus Pen Holder (Holder is externally attached) Holster Sleeve / water and shockproof case Carrying case (Holster) Handstrap Keypad cover Mounting points for adapter plate

* Specifications are subject to change upon manufacturer's condition.

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