BluePad-55

CPU	Secure ARM Cortex M3
Buttons	On/Off button, 10 numeric buttons, 5 function buttons
Display	320 x 240 px color touch screen
Magnetic Card Reader	Triple track bi-directional
Smart Card Reader	Landing type
Contactless Reader (optional)	NFC-A, ISO 14443 Type A NFC-B, ISO 14443 Type B NFC-F, Felica NFC-V, ISO 15693
Contactless Payments (optional)	VISA payWave, MasterCard PayPass, American Express, DPAS (Discover), China UnionPay, J/Speedy (JCB), Common.SECC
Connectors	RS-232 contact pins, USB Type-C port, SAM card slot (optional), SIM card slot (optional)
Wired Communication	USB (device)
OS Compatibility	iOS, Android, Windows
Bluetooth (optional)	BT version 4.2 Low Energy
Wireless (optional)	Wi-Fi IEEE 802.11 b/g/n
Cellular Module (optional)	2G/3G/4G communication
LED Indication	Contactless payment status
Audio Features	Electromagnetic buzzer
Power Supply	DC 5 V through USB, DC 5 V through contact pins
Battery	Rechargeable Li-Ion Battery, 3.7 V, 1180 mAh
Reliability	500,000 chip card cycles, 1,000,000 magnetic card swipes, 1,000,000 button clicks
Certificates	CE, FCC, PCI PTS 6.x, EMV Level 1, EMV Level 2, EMV Level 1 Contactless, TQM
Dimension W x D x H	71 x 133 x 19 mm
Weight	180 g
Operational Temperature	-10 °C to 40 °C / 5 to 70% RH
Storage temperature	-15 °C to 50 °C / 5 to 70% RH
Drop Tested	1.2 m, faces and edges
Other Box Contents	90 cm USB Type-A to Type-C cable
Compatible Accessories	Charger (GT1), 5-unit charger (GT5), Metal Stand, Plastic Stand, BlueCharge-55, BluePrint-55, BlueScan-55

