

BluePad-50 Plus MSR

CPU	Secure ARM Cortex M4
Buttons	On/Off button, 10 numeric buttons, 2 function buttons
Display	320 x 240 px 2-Inch color TFT
Magnetic Card Reader	Triple track bi-directional
Smart Card Reader	Friction type
Contactless Reader	NFC-A, ISO 14443 Type A NFC-B, ISO 14443 Type B NFC-F, Felica NFC-V, ISO 15693
Contactless Payments	VISA payWave MasterCard PayPass American Express DPAS (Discover)
Connectors	Contact pins USB Type-C port nanoSIM slot (optional)
Wired Communication	USB (device)
OS Compatibility	iOS, Android, Windows
Bluetooth	BT version 4.2 Low Energy
Wireless (optional)	Wi-Fi IEEE 802.11 b/g/n
Cellular Module (optional)	2G/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-Po Battery 3.7 V, 620 mAh
Reliability	500,000 chip card cycles 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	69 x 121 x 16 mm
Weight	138 g
Operational Temperature	-10 °C to 40 °C / 5 to 90% RH
Storage temperature	-15 °C to 50 °C / 5 to 90% RH
Drop Tested	1.2 m, faces and edges
Other Box Contents	USB Type-A to USB Type-C cable

