

# BluePad-50 Plus MSR

<b>CPU</b>	Secure ARM Cortex M4
<b>Buttons</b>	On/Off button, 10 numeric buttons, 2 function buttons
<b>Display</b>	320 x 240 px 2-Inch Color TFT
<b>Magnetic Card Reader</b>	Triple track bi-directional
<b>Smart Card Reader</b>	Friction type
<b>Contactless Reader</b>	NFC-A, ISO 14443 Type A NFC-B, ISO 14443 Type B NFC-F, Felica NFC-V, ISO 15693
<b>Contactless Payments</b>	VISA payWave MasterCard PayPass American Express DPAS (Discover)
<b>Connectors</b>	Contact pins USB Type-C port nanoSIM slot (optional)
<b>Wired Communication</b>	USB (device)
<b>OS Compatibility</b>	iOS, Android, Windows
<b>Bluetooth</b>	BT version 4.2 Low Energy
<b>Wireless (optional)</b>	Wi-Fi IEEE 802.11 b/g/n
<b>Cellular Module (optional)</b>	2G/4G communication
<b>LED Indication</b>	Contactless payment status
<b>Audio Features</b>	Electromagnetic buzzer
<b>Power Supply</b>	DC 5 V through USB DC 5 V through contact pins
<b>Battery</b>	Rechargeable Li-Po Battery 3.7 V, 620 mAh
<b>Reliability</b>	500,000 chip card cycles 1,000,000 button clicks
<b>Certificates</b>	CE, FCC, PCI PTS 5.x, EMV Level 1, EMV Level 2, EMV Level 1 Contactless, TQM
<b>Dimension W x D x H</b>	69 x 121 x 16 mm
<b>Weight</b>	138 g
<b>Operational Temperature</b>	-10 °C to 40 °C / 5 to 90% RH
<b>Storage temperature</b>	-15 °C to 50 °C / 5 to 90% RH
<b>Drop Tested</b>	1.2 m, faces and edges
<b>Other Box Contents</b>	USB Type-A to USB Type-C cable

