

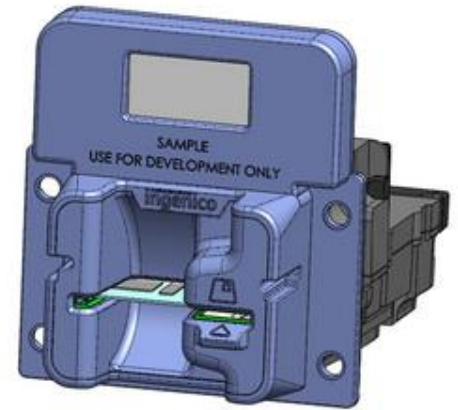
TECHNICAL DATASHEET

Self/7500

Product Reference: PSP30311980

Designation: Self/7500 development tool

Recommended use: Software development on Self modular



FEATURE			
Platform	Crypto & Application processor OS	Cortex A5 64 bits 600 MHz TETRA	<input type="radio"/> <input type="radio"/>
Memory	Internal External	512 MB RAM / 512 MB Flash MicroSD up to 32GB	<input type="radio"/> <input type="radio"/>
SAM		2 x SAM ID-000	<input type="radio"/>
Display	OLED monochrome	1.8" – 128 x 64 pixels	<input type="radio"/>
Hybrid Card reader	Smart Card Magstripe Hybrid card reader (horizontal insertion) Shutter Ruggedized front bezel	EMV LeVel 1 / 500k reads lifespan ISO 1/2/3, 500k reads lifespan With RGB backlit LEDs (anti-skimming) To avoid insertion of non card inside the reader Easy card withdraw	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>
Audio	Buzzer Polyphonic sound (WAV files reader)	Mono Thru external loudspeaker (not provided)	<input type="radio"/> <input type="radio"/>
Terminal connections	USB Serial Sound Link with the Self/8000 MDB	1x USB Slave (USB-B connector) 2x USB Host (USB-A connector) 2x RS232 (1x RJ11 + 1x JST connectors) 1x 2 PIN connector for external loudspeaker 1x USB IDMI 1x MDB Master + 1 x MDB Slave	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> option
Connectivity	Ethernet 10/100 Wireless (in slot #2)	1 x RJ 45 Bluetooth 4.2 BLE 4G (EU) (with 3G/2G fallback) 4G (US) (with 3G/2G fallback) 4G (AUS) (with 3G/2G fallback) 4G (JPN) (with 3G/2G fallback)	<input type="radio"/> option option option option option
Power supply	External power supply connector POWER BOX (in slot #1) MDB BOX (in slot #1)	9-16 V DC – 2 PIN connector 10-45V DC 10-45V DC	<input type="radio"/> option option
Terminal size	Overall W x H x D mm Cut area W x H mm	104 x 111.9 x 151.1 mm Not applicable	
Terminal mounting		Not applicable	
Weight		860 gr	
Environment	Operating Temperature Storage Temperature Operating Humidity non condensing	-20°C to +65°C -20°C to +70°C 95% HR at +55°C	
IP	Ingress protection	Not applicable	
IK	Shock protection	Not applicable	
Security		Not applicable	
Accessories (provided)		2 PIN ↔ 6 PIN adapter cable for 12V DC PSU Cables holder Pipe for water evacuation	<input type="radio"/> <input type="radio"/> <input type="radio"/>
Accessories (not provided)		USB cables, SERIAL cables... External camera for Barcode/QR management UCI module (I/O mangement) PSU 12V DC...	Option Option Option Option