

ST4EX Specifications

	Technical Specifications
Model	ST4ex
Processor	Intel® XScale® PXA270 @ 520MHz
Operating System	Windows® CE® 5.0
Memory	128MB Flash ROM 128MB SDRAM
Display	3.5" TFT (transflective) 262K color LCD QVGA resolution (240 x 320)
User Interface	Touchscreen and keypad buttons
Comm. Interfaces	IrDA v1.2 USB1.1, Host & Client Bluetooth v1.2 WirelessLAN IEEE802.11b/g
User Storage Expansion	Quad-band GSM/GPRS SD memory card slot (SDIO supported)
Audio	Speaker and Mic, GSM hands-free jack
External battery	2x 4.2V 1200mAh, Li-Polymer Battery Packs 9V 3A, AC/DC Charger
Environmental Resistance	IP64
Operating Temperature	-10°C to 40°C
Operating humidity	5% to 90% RH, non-condensing
Dimensions (LxWxH)	188 x 94 x 38.5 mm (standard) 188 x 94 x 46 mm (standard with optical scanner)
Weight	Approx. 400g (standard) Approx. 550g (standard with optical scanner)
	Smart Card Interface
Smart Card Reader Standard	ISO7816. Part 1, 2 and 3
User Slot	Landing contact slot with 200K minimum duty cycle
SAM/SIM Slots	SAM x 3 SIM x 1
	Contactless Interface
RFID Standard	ISO14443, Type A and B
HID Standard (optional)	ISO15693, Read/Write, iCLASS 2Kb and 16Kb ISO14443, Type A, Read only, Mifare card serial
Frequency	ISO14443, Type B2, Read/Write, iCLASS 16Kb 13.56MHz
	Fingerprint Scanner
Engine	IRIS SmartCore2 (SC2)
Sensor	SAGEM Solid-state CMOS Active-capacitive
Supported Matching Algorithms	Precise Biometrics BioLink NEC Trijay SAGEM
	Optical Scanner
Imager	CMOS Sensor
Resolution	1.3 megapixel SXGA (1,280 x 1,024 pixels)
Supported Matching Algorithms	Precise Biometrics BioLink NEC Trijay SAGEM

