



Bio 930-G Plus Ref : Preliminary
Main characteristics

Hand Held Unit	
? Main processor	– RISC ARM9 running at 200 Mips
? Crypto processor	– Integrated
? Internal memory	– FLASH : 32 Mb / SDRAM : 8 Mb
? SD Card Slot	– SD Card or MMC
? Main smart card reader	– Synchronous and asynchronous Clock : 3,57 MHz, 7,14 MHz & 14,28 MHz / Vcc = 5V, 3V and 1,8V
? Second smart card reader	– Synchronous and asynchronous Clock : 3,57 MHz, 7,14 MHz & 14,28 MHz / Vcc = 5V, 3V and 1,8V
? 3 SAMs	– Asynchronous, Clock : 3,57 MHz, 7,14 MHz & 14,28 MHz / Vcc = 5V, 3V and 1,8V
? Magnetic card reader	– Track 1 , 2
? Display	– 51 x 21 mm large back-lit graphic display (128 x 64 pixel).
? Keypad	– 16 back-lit keys (color keys : "Validate" "Correct" "Cancel" "Function")
? Navigation keypad	– 2 back-lit keys
? Printer	– Thermal print-head / 24 characters per line / Graphic mode – 15 lines per second (typical alphanumeric receipt) – Easy paper roll loading / Roll size (58 mm wide x 40 mm diameter)
? Buzzer	– Yes
? Batteries	– 1500 mAh NiMh – 320 transactions (typical in stay connected mode) / Stand by : 200 hours
? Connections on terminal	– 1 Slave USB port – 1 Host USB port
? Size / Weight	– 79 x 180 x 70 mm / 460 gr (without paper roll)
? GSM / GPRS Modem	– GSM (900 Mhz), DCS (1800 MHz), PCS (1900 MHz) – Mobile Class B (GPRS & GSM) – Multi Slot Class 10 (4+1 / 3+2) – Stay connected feature
? Biometric module	– Embedded MorphoSmart CBM compact biometric module – Leading-edge thin optical sensor – Offline coding and matching: Fingerprint image processing and matching in the device – Allow 1:1 and 1:N search in the device – Verification time < 0.8s and identification time < 1s – Integrates Morpho technology : MorphoImaging™ and MorphoSoft™ embedded



PRELIMINARY

SAGEM Monetel

Docking Station	
? Charger	<ul style="list-style-type: none">- 50 % of capacity in 2 hours- Full capacity in 8 hours
? Power supply	<ul style="list-style-type: none">- External detachable power supply unit
? Connections	<ul style="list-style-type: none">- 1 RS232-C- Tel In / Tel Out as an option
? Modem	<ul style="list-style-type: none">- V22, V22bis, V32bis / Dial-Up / auto answer / Fast connect- Detachable cable telephone