XELTEK
SUPERPRO®

Ultra-High Speed Lowest Cost Stand-Alone Universal Device Programmer; USB 2.0 Interfaced. Faster than SuperPro 501S.

Highlights

- ARM9 32 Bit MCU + Linux ultra-fast algorithm processing engine.
- **Programming speed up to 30% faster than SuperPro501S.**
- Two programmers in one, a double value: PC mode for engineering and Stand-alone mode for production. The programmer operates in either PC hosted mode or stand-alone mode.
    - o Under PC hosted mode, a PC controls the programmer via a high-speed USB connection to program a chip.
    - o Under stand-alone mode, the user controls the programmer via 20-characters, 4-line LCD display with 6-KEY keypad.
    - o A CF (compact flash) card stores the project files.
- Programs devices with Vcc as low as 1.2V
- Built-in 48 universal pin drivers

- CE and ROHS Compliant
- ARM9 32 Bit MCU + Linux ultra-fast algorithm processing engine.
- Programming speed up to 30% faster than SuperPro501S.
- Programs devices with Vcc as low as 1.2V.
- Built with 48 universal pin-drivers for support of today's most complex devices. Universal and device independent socket adapters are available for various packages.
- The programmer operates in either PC hosted mode or stand-alone mode.
    - o Under PC hosted mode, a PC controls the programmer via a high-speed USB2.0 connection to program a chip.
    - o Under stand-alone mode, the user controls the programmer via 20-characters, 4-line LCD display with 6-KEY keypad. A CF (compact flash) card stores the project files. In stand-alone mode, the user can operate multiple units to construct a concurrent multiprogramming system.
- ISP/ICP programming capability through optional ISP/ICP adapter.
- Programming / testing features for TTL/CMOS logic ICs and memories.
- Only IC manufacturer approved programming algorithms provide high reliability. Vcc verification at (+5%~-5%) and (10%~-10%) enhances programming reliability.
- Provides over-current and over-voltage protection for safety of the chip and programmer hardware.
- Compatible with Windows XP / Vista / 7 / 8 (32/64 bit)
- Includes the following advanced and powerful software functions:
    - o Chip operation starts immediately upon proper chip insertion in Production Mode.
    - o The Project function simplifies processes such as device selection, file loading, device configuration setting, program option, and batch file setting into one step.
    - o Password protection provides security for project files and production volume control.
    - o The Batch command combines device operations like program, verify, security into a single command at any sequence.
    - o Serial number generators are available as standard or customer-specific functions.
    - o A Log file provides quality tracking

Hardware & electrical Specifications

- Devices Supported: EPROM, Paged EPROM, Parallel and Serial EEPROM, FPGA Configuration PROM, FLASH memory (NOR), BPROM, NVRAM, SPLD, CPLD, EPLD, Firmware HUB, Microcontroller, MCU
- Package: DIP, SDIP, PLCC, JLCC, SOIC, QFP, TQFP, PQFP, VQFP, TSOP, SOP, TSOPII, PSOP, TSSOP, SON, EBGA, FBGA, VFBGA, uBGA, CSP, SCSP,…
- PC interface: USB2.0 (High speed)
- Stand-alone memory: Compact FLASH Card
- Power supply: AC Adapter: Input AC 90V- 250V; Output: 12V/2A
- Main unit: Dimensions 205mm (L) * 148mm (W) * 50mm (H) Weight 1.35 lbs (0.6Kg)
- Package: Dimensions 320mm (L) * 300mm (W) * 85mm (H) Weight 4lbs (1.8Kg)

Items Included

- SuperPro 611S Programmer w/ 48pin driver
- AC adapter
- Software CD
- USB Cable

SKU	SP611S
Weight	4.00 lbs
Number of Devices Supported	32,683+
Number of Manufacturers Supported	223
Number of Pins Available	48
Stand-Alone (PC-Free)	Yes
Built-in Processor	ARM9 RISC MCU
Free User Requested Device Update	Optional
Windows Support	Win XP/Vista/7/8 32/64 bit
RoHS & CE Compliance	Yes
Warranty	1 Year
Socket Adapter Compatibility	SA & TA series socket adapters

Restrictions and Compliances

CE Compliant   RoHS Compliant   ISO 9001 Certified   ISO 14001 Certified