









**Xeltek Universal SuperPro vs. Data IO 48-Pin Programmers**

Brands	Xeltek	Xeltek	Data IO	Data IO
Model	SuperPro501S	SuperPro5000E	OPTIMA	Plus 48
Number of Devices Supported (*4)	37,700+	71,800+	NA	NA
Number of Manufacturers Supported	227+	280	NA	NA
Number of Pins Available (*5)	48	144	48	48
Stand-Alone (*1)	Yes	Yes	No	No
Programming Speed (*3)	<a href="#">Programming Speed</a>	<a href="#">Programming Speed</a>	NA	NA
ISP Header for In-circuit programming (*2)	Optional	Optional	No	No
PC Interface	USB 2.0	USB 2.0	Parallel Port (*6)	Parallel Port (*6)
Built-in Processor	ARM7 RISC MCU	ARM7 RISC MCU	NA	NA
Windows Support	Win XP/Vista/7 x32/64	Win XP/Vista/7 x32/64	Windows 95/98/NT/2000/XP	Windows 95/98/NT
RoHS & CE Compliance				
Warranty	2 Years	2 Years	1 year	1 year
Product Link	<a href="#">Product Specification</a>	<a href="#">Product Specification</a>	<a href="#">Product Specification</a>	<a href="#">Product specification</a>
Cost	\$899	\$1,495	-	-
Image				

(\*1) Operation without a PC using a compact flash (CF) card, clustering ability for flexible volume programming up to 15+ units. See [Stand-Alone Graphic Illustrations.pdf](#).

(\*2) In-system programming cable optional for serial programming.

(\*3) Programming speed varies for different devices. Contact Xeltek for more accurate data.

(\*4) Device count as of October 2012. Check the online Device List in the [Download Center](#) for the latest device count.

(\*5)

- Xeltek SuperPro universal programmers are equipped with 144-pin universal pin drivers to accommodate large pin count devices.
- One universal adapter accommodates all devices with the same package type.
- High quality materials used to improve production reliability.
- Multiple bottom adapters cause inventory nightmare. Keeping track of adapter variations would cause delay in today's production environment.

(\*6) Old printer ports are about 1/12 the speed of USB.