



# Programmable Controllers



## Entertron Family of ePLC Products

Entertron offers three unique embedded programmable logic controller products.

The Smart-PAK series addresses the micro end of the market with up to 16/12 digital I/O and 7 amp form A relay outputs. Where this product stands out vs. other micro PLCs is with its analog capabilities. Our analog only expansion board provides many possibilities. Other controllers require individual modules for each type of analog. The Smart-PAK PLUS analog board can be ordered with up to 8 analog inputs in just about any configuration (voltage, current, + / - voltage, millivolt, 4 type K thermocouples, 4 RTDs) and 4 analog outputs (voltage, current, + / - )

Note - When ordering the analog only expansion, you are limited to 8 / 6 digital I/O.

The SK1600-RIC is our most popular product. As a mid range micro, with digital I/O starting at 16/12 and expandable to 32/24 and offers basic 8 bit analog I/O. Where this products stands apart from its competition is in its output ratings - 8 amp relay outputs (form A & form C). When ordered with DC inputs, we provide a 12 VDC @ 1 amp power supply is provided. PNP inputs and AC inputs are also available.




The Elite-2000 is Entertron's top of the line offering. A solid state controller with unmatched outputs - 2 amp triac or transistor, optically isolated, noise suppression, individually fused. A total of 64 / 64 digital I/O (AC, PNP, NPN, TTL), and up to 16 / 16 analog I/O in just about any configuration imaginable is available.

All ePLCs can be ordered with 2 serial ports (RS232 or RS485 second port), ModBus RTU protocol, Entertron ASCII protocol

Entertron's controllers come with Free programming software and a warranty that is unmatched within the industry.

Our products are not limited to the specifications listed. Unlike our competitor's prepackaged products that are manufactured in vast quantity overseas, we are able to address special requirements with basic modifications to I/O, because every ePLC is manufactured by Entertron in Gasport, NY.

Below, we have provided a brief overview of our products. To find out more, click on the link at the top of the table for the product that you are interested in reviewing.

				
Feature	<a href="#">Smart-PAK</a>	<a href="#">Smart-PAK PLUS</a>	<a href="#">SK1600-RIC</a>	<a href="#">Elite-2000</a>
Digital Inputs	up to 12	up to 16	up to 32	up to 64
Digital Inputs - AC	24 VAC only	24 VAC only	Yes	Yes
Digital Inputs - DC	Yes	Yes	Yes	Yes
Digital Outputs	up to 12	up to 12	up to 24	up to 64
Digital Outputs - Triac	No	No	No	Yes
Digital Outputs - Transistor	No	No	No	Yes
Digital Outputs - Relay	Yes	Yes	Yes	No
Analog I/O	No	Yes	Yes	Yes
RS232 serial port	Yes	Yes	Yes	Yes
RS485 serial port	No	Yes	Yes	Yes
High Speed Counters	Yes	Yes	Yes	Yes
Quadrature Decoder	No	No	No	Yes
Networking Capabilities	peer to peer	Yes - 16 slaves	Yes - 16 slaves	Yes - 32 slaves
Warranty	5 years	5 years	5 years	7 years

If you don't see a product to fit your exact needs, [send us your specifications](#). Unlike our competition, Entertron has the capability to modify any of our standard products. If your requirements do not meet our current product offering, we can design a complete controller to meet your exact requirements. Design fee and minimum order quantities will vary based upon the complexity of your project.

