Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!
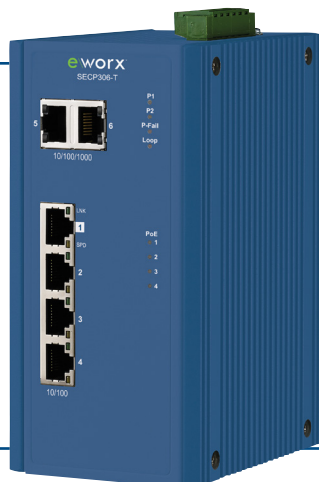
Contact us

6 Port PoE+ Ethernet Switch
with SNMP and Modbus/TCP Capability
SECP306-T

B+B SmartWorx
Powered by **ADVANTECH**

SECP306-T

PRODUCT FEATURES

- 4 10/100 PoE+ Ethernet Port and 2GB Ports
- Wide Temperature Range -40 to 75°C
- DIN Rail or Panel Mountable
- Dual 12 to 24VDC Power Inputs for Redundancy
- Energy Efficient Ethernet (EEE), IEEE 802.3az for Low Power Applications
- EMS Level 3 Protection for Extreme Outdoor Environments
- Port-based QoS Feature for Deterministic Data Transmission
- Loop Detection and Event Alarm
- Power Failure indicated by a Relay and LED Indicator
- Communicates with SCADA Software via Modbus/TCP
- Communicates with NMS (Networking Management System) via SNMP

INTRODUCTION

Our industrial grade SE300 series switches can be used as plug and play, unmanaged switches right out of the box. Installing the eWorx Utility gives them basic management capabilities, as well. They bridge the gap between unmanaged switches and significantly more expensive, fully managed solutions.

When enabled with the eWorx Utility, these switches use Modbus/TCP to communicate with SCADA software and SNMP to communicate with NMS (Networking Management System) at the same time. This gives full read control to both control engineers and IT. They are equipped with port-based QoS for deterministic data transmission. The QoS port has priority over other ports. The eWorx Utility enables IP address assignment, allowing for a static IP address or an address that is discoverable via DHCP.

ORDERING INFORMATION

MODEL NUMBER	DESCRIPTION
SECP306-T	4 x 10/100BaseT(X) with PoE + 2GE, Wide Temperature

ACCESSORIES

MDR-100-24 - 100W, 24VDC Industrial Slimline Power Supply
C5UMB3FBG - 3 ft. (1 M), Gray, Category 5e UTP Patch Cord
C5UMB7FBG - 7 ft. (2 M), Gray, Category 5e UTP Patch Cord
808-38102 - IE-SFP 100 to 155 Mbps (OC-3), MM850-LC, 2km
808-38104 - IE-SFP 100 to 155 Mbps (OC-3), SM1310/PLUS-LC, 40km
808-38200 - IE-SFP 1250 Mbps to 1.25 Gbps (OC-24), SM1310-LC, 20km
808-38201 - IE-SFP 1250 Mbps to 1.25 Gbps (OC-24), MM850-LC, 2250/550m
808-38203 - IE-SFP 1250 Mbps to 1.25 Gbps (OC-24), SM1310/PLUS-LC, 30km

(E13) CE FCC

SPECIFICATIONS

COMMUNICATIONS	
Standard	IEEE 802.3af/at, 802.3, 802.3u, 802.3ab, 802.3az, 802.3x, 802.1p
LAN	10/100BaseT(X),10/100/1000BaseT(X)
Transmission Distance	Up to 100 m
Transmission Speed	Up to 1000 Mbps

INTERFACE	
Connectors	4x10/100BaseT(X) with PoE + 2x10/100/1000 Base T(X) 6-pin removable screw terminal (power & relay)

LED INDICATORS	
System LED	P1, P2, P-Fail, Loop, PoE
Port LED	10/100 BaseT(X) or 10/100/1000Base T(X): LNK /ACT, Speed, PoE port

PHYSICAL	
Enclosure	Metal / Aluminum Shell with solid mounting kits
Protection Class	IP 30
Installation	DIN Rail and Panel Mount
Dimensions (WxHxD)	74 x 152 x 105 mm (2.91 x 5.98 x 4.14 inch)

ENVIRONMENT	
Operating Temperature	-40 to 75°C (-40 to 167°F)
Storage Temperature	-40 ~ 85°C (-40 ~ 185°F)
Relative Humidity	10 ~ 95% (non-condensing)

SWITCH PROPERTIES	
MAC Address	2K entries
Packet Buffer	1 Mbit
Switching Capacity	4.8 Gbps

POWER	
Power Consumption	65 Watts
Power Input	12V~24V (9V~36V), redundant dual inputs

POE	
PoE Standard	IEEE802.3af/at (Alternative A)
PoE Pins	With data pairs, 1, 2 and 3, 6
PoE Power Budget	Switch - 60W maximum Ports - 30W, maximum

CERTIFICATIONS	
Safety	IEC/EN 60950, UL61010-1+UL61010-2-201, e-Mark
EMC	CE, FCC, e-Mark
EMI	EN 55011/ 55022 Class A, EN 61000-6-4, FCC Part 15 Subpart B Class A
EMS	EN 55024/ EN 61000-6-2, EN 61000-4-2 (ESD) Level 3 EN 61000-4-3 (RS) Level 3, EN 61000-4-4 (EFT) Level 3 EN 61000-4-5 (Surge) Level 3, EN 61000-4-6 (CS) Level 3 EN 61000-4-8 (Magnetic Field) Level 3
Shock	IEC 60068-2-27
Freefall	IEC 60068-2-32
Vibration	IEC 60068-2-6

6 Port PoE+ Ethernet Switch
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SECP306-T MECHANICAL DIAGRAM
DIN RAIL MOUNT
Units = mm [inches]