



OVERVIEW

SMC's Extended Ethernet (EE) network solution provides an alternative cost-effective solution for network/Internet access to multi-unit buildings, or enterprise environments such as hospitals, universities, and manufacturing facilities. Using existing category 1, 2, or 3, SMC's Extended Ethernet technology is able to deliver up to 15Mbps of broadband connection for distance up to 5,000 feet. SMC's EE solution minimize the hassles involved in rewiring by delivering both voice and data access on the same line as Plain Old Telephone Service (POTS). It is also compatible with ADSL (asymmetric digital subscriber line). SMC's EE solution is the best choice for service providers to supply broadband access with minimal changes to existing wiring infrastructure.

The TigerAccess Extended Ethernet Solution includes the TigerAccess EE Switch, TigerAccess EE CPE (Customer Premise Equipment), and TigerAccess EE Splitter.

TigerAccess EE CPE

SMC's TigerAccess EE CPE provides Ethernet and voice connection to each room in the multi-unit building, university, hospital or manufacturing facility. The CPE provides one RJ-45 Ethernet connection and 2 RJ-11 connectors, one for plugging into the phone jack in a wall, one for a phone. The CPE device bridges EE traffic and Ethernet, and at the same time splits the EE traffic and the POTS traffic over the same line. The Ethernet port can connect to a PC, workstation, or SMC switch or wireless access point for wireless connections

FEATURES	BENEFITS
Easy to deploy: no rewiring required	Can be connected to a wireless access point, switch, or a workstation
10Base-T or 100BASE-TX for easy Ethernet connection	No configuration required; plug and play
Ideal for desktop or shelf mountable	
Support both POTS and EE line at the same time	



TECHNICAL SPECIFICATIONS

SMC7500A/VCP

PORTS

- 2 RJ-11 connector; one-pair category 1, 2, 3 UTP cabling
 - 1 RJ-11 to phone jack in the wall
 - 1 RJ-11 for telephone connection
- 1 RJ-45 10BASE-T/100BASE-TX
 - 10BASE-T: UTP category 3, 4, 5
 - 100BASE-TX: UTP category 5

EXTENDED ETHERNET SPECIFICATION

- VDSL Standards:
 - supports evolving ETSI, ANSI and ITU standards
- Modulation:
 - 4 to 256 QAM Frequency Division Duplexing

LEDs

- Power, Link (VDSL), Link (LAN), Activity (LAN)

SPEED/DISTANCE

- Up to 15 Mbps symmetrical transmission rate at 3500 ft/ 1000m distance
- Up to 10 Mbps symmetrical transmission rate at 4000 ft/ 1200m distance
- Up to 5 Mbps symmetrical transmission rate at 5000 ft/ 1500m distance
- Up to 4 Mbps downstream, 1 Mbps upstream at 5800 ft/ 1750m distance

TEMPERATURE

- Operating: 0 °C to 50 °C / 32 °F to 122°F
- Storage: -40 °C to 70 °C / -40 °F to 158 °F

HUMIDITY

- Operating: 5% to 95% (non-condensing)

HEAT DISSIPATION

- 123 BTU/hr

INPUT POWER

- 12 VDC (via AC power adapter)
- Typical 350mA Max

POWER SUPPLY

- Internal, auto-ranging transformer:
 - 100 - 240VAC, 50 - 60 Hz
- Maximum Current:
 - 0.5A max. @110V, 0.25A max. @240V

CURRENT CONSUMPTION

- 3.5Watts max. (350 mA x 12V = 4.2W)

WEIGHT

- 4.94 oz
- 140g

DIMENSIONS

- 3.74 x 3.54 x 1.02 in
- 95 x 90 x 26 mm

COMPLIANCES

- CE Mark

EMISSIONS

- FCC Class B
- Industry Canada Class B
- EN55022 (CISPR22) Class B
- EN61000-3-2/3
- EN61000-4-2/3/4/5/6/8/11
- VCCI Class B
- IEC1000-4-2/3/4/6

SAFETY

- CSA/NRTL (CSA22.2.2.950 & UL 1950)
- EN60950 (TUV/GS)

WARRANTY

- Limited Lifetime

Contact

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