Micronet VDSL2 CO/CPE Modem

Model No. SP3501C
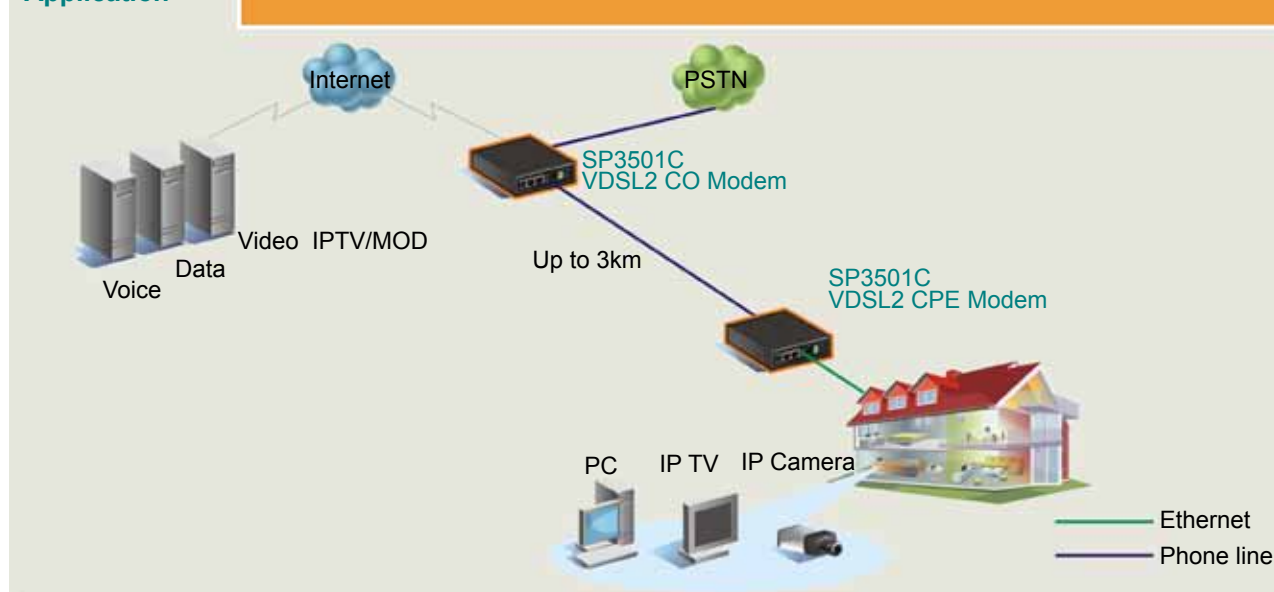
Introduction

Micronet introduces the next-generation broadband access solution, with the newest VDSL2 technology, to carriers and MxU (Multi- Dwelling/Multi-Tenant Units) environments that need for new services such as IPTV, video conferencing, VoIP, peer-to-peer file sharing, and interactive gaming. Micronet SP3501C VDSL2 CO / CPE Modem are fully compliant with ITU-T G.993.2 VDSL2 standard also supports both central office (CO) and customer premises equipment (CPE) modes selectable through DIP Switch that is able to provide the newest broadband solution with ADSL like long-reach performance and high-speed symmetrical bandwidth up to 100Mbps.

Key Features

- Compliant with ETSI, ITU, ANSI standards
- Compliant with IEEE802.3 10BASE-T and IEEE802.3u100BASE-TX standards
- Supports RJ-11/Terminal Block combo for Line port
- Supports high bandwidth up to 100Mbps symmetric over Line ports
- Support long reach mode up to 3 km with 24 gauge phone wire through CO side DIP switch

- DIP switch with CO and CPE mode selectable
- Supports long packet size up to 1536 bytes
- Supports Surge protection
- Supports wall mounting Mini size and metal case design
- Supports point-to-point applications

Application

VDSL2 CO/CPE Modem

SPECIFICATION AND PRODUCT FEATURES

Model	SP3501C
Standard	IEEE802.3 10BASE-T
	IEEE802.3u 100BASE-TX
	ITU-T G993.2 VDSL2
Interface	2 x RJ-45 10/100Mbps Ethernet ports
	1 x RJ-11 connector for EoVDSL
	1 x DIP Switch
Feature	DMT modulation
	Support bandwidth up to 100Mbps
	Support range up to 3 Km
	Surge protection for VDSL2 port
	IEEE802.3x for Full Duplex
	POTS/ISDN voices pass through
	Auto-speed function and full duplex on VDSL port
Distance	Data Rate 100M/100M: 300m(default)
	Date Rate 1.5M/5M: 3km
Management	DIP Switch
Environment	Operating temperature: 0°C to 50°C (32 to 122F)
	Storage temperature: -20 to 70°C (-4F to 158F)
	Operating Humidity: 10 to 90% (non-condensing)
Power	DC 12V, 1A
Emission	CE class A, FCC

The product specifications are subject to change without prior notice

ORDERING INFORMATION

Model	Description
SP3501C	VDSL2 CO / CPE Modem

VDSL2 CO/CPE Modem
Model No. SP3501C
❶ RJ-45 port
❷ RJ-11 Port
❸ Ground lug
❹ DIP Switch
❺ Power Jack

COMPANION PRODUCTS

Consider the following Micronet products as a factor in your network planning.

Ethernet Switch
Industrial Ethernet
IP Surveillance
Wireless LAN
VDSL• ADSL and Broadband
IP Telephony
KVM Switch
Network Appliance
Structured Cabling System

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