



APC-2000-VB

Low Voltage Voice CPE Device

APC-2000-VB CPEs are flexible and easy to install devices that are capable of catering to any modern day communication requirements (voice, video or data).

These versatile devices are suitable for use in all kinds of powerline communication usage scenarios. Whether it is an access-network via powerline installation, or installation in MDUs where powerline augments FTTx, or any other ingenious network deployment (hotels, schools etc), the APC-2000-VB delivers very attractive cost to performance figures.

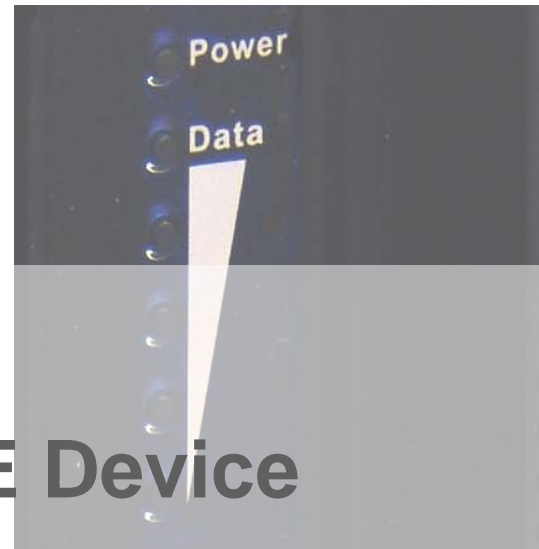
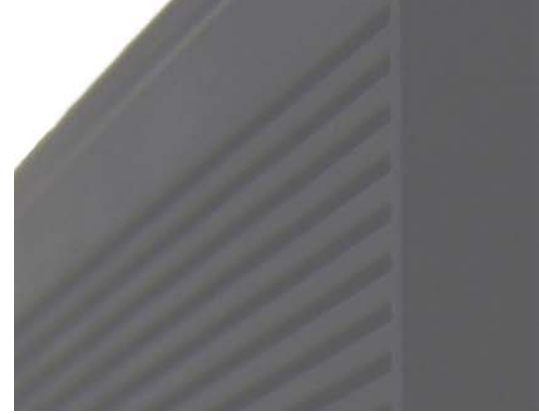
The **APC-2000-VB** bridges high speed data on its Ethernet interface to powerline network. In addition it provides a RJ11 interface for analogue phones in VoIP applications. It suits best in deployments where digital-voice is not available and end-customers still use POTS analogue phones.

Key features of the APC-2000-VB include:

- Enables triple play services
- Easy installation (plug-and-play)
- No additional configuration to be done by end-users.
- Secure data transmission (encryption, VLAN)
- Automatic provisioning support (DHCP, configuration files)
- Remote management support (SNMP)

Key Voice features of the APC-2000-VB include:

- Possibility to choose between H323 or SIP
- Voice activity detection
- Comfort noise generation





Technical Data Low Voltage CPE Device APC-2000-VB



PLC Signalling

Frequency band 2 - 34 MHz
 Modulation OFDM
 Sub Carriers up to 1536
 Signal bandwidth 10, 20, 30 MHz
 Data rate up to 205 Mbps (PHY Layer)
 Transmit Power -56dBm/Hz

Physical

Dimensions (HxWxD) 40x195x165mm
 Weight 600g

Electrical

Voltage 90-250VAC,
 50/60 Hz
 Power consumption < 15 W

Environmental

Temperature 5 - 45 °C
 Humidity 0 - 95 %, non condensing
 Protection class IP 20

Management/Provisioning

SNMP, Web based, Console (Telnet),
 Automatic provisioning

Security

802.1Q VLAN,
 Encryption (DES/3DES),
 Authentication/blocking (per user)

External Interfaces

Ethernet 10/100 Mbps RJ45
 Analogue Phone RJ11

Protocols

SNMP V2, TCP/IP, DHCP, FTP, VLAN,
 HTTP, STP, 802.1p QoS

VoIP

H.323, H.245, H.225, SIP, Echo
 Cancellation, G.711, G.729

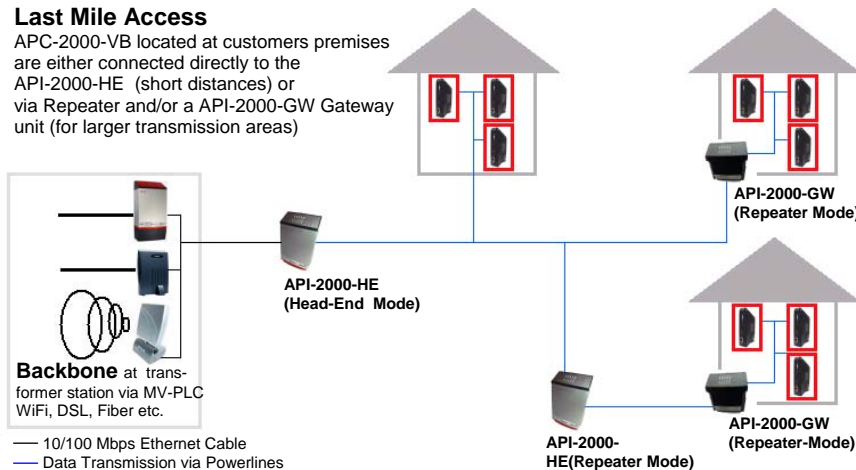
Standards

EN55022 / EN55024
 EN60950

Certain features may not be available at
 print-date of this document

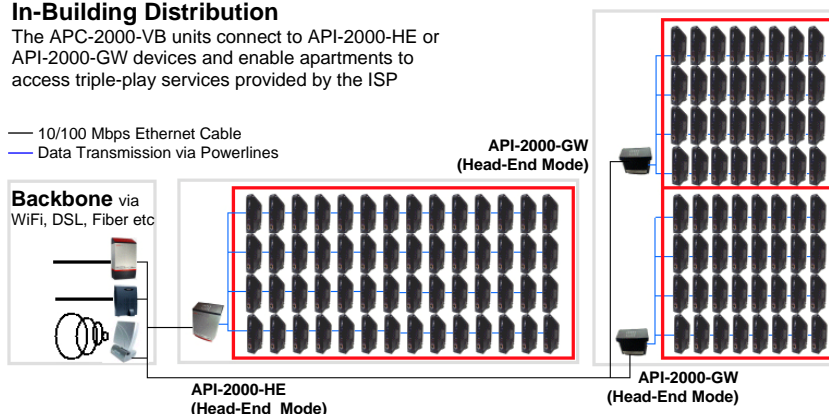
Last Mile Access

APC-2000-VB located at customers premises
 are either connected directly to the
 API-2000-HE (short distances) or
 via Repeater and/or a API-2000-GW Gateway
 unit (for larger transmission areas)



In-Building Distribution

The APC-2000-VB units connect to API-2000-HE or
 API-2000-GW devices and enable apartments to
 access triple-play services provided by the ISP



Your local reseller:

Contact:

CURRENT Technologies International GmbH
 Gewerbepark
 CH-5506 Mägenwil
 phone +41 62 544 19 19
 fax +41 62 544 19 09

info@currenttechnologies.ch
 www.currentgroup.com