

## CPVA502+ (Router)



Telsey's CPVA 502+ enables Broadband Network Operators to easily connect residential customers to their ADSL /ADSL2+ networks.

It combines a DSL modem with two Ethernet10/100 BaseTX and one USB interface for home Networking.

CPVA502+ represents an ideal solution for operators that intends to provide basic connectivity service both for data and for video.

The availability of most widespread networking protocols , the capability to support TR069 and an effective QoS implementation makes it a good choice also for advanced broadband networks.

Key Features	Benefits
<b>Integrated ADSL/ADSL2/ADSL2+ modem/router</b>	No external ADSL Modem is needed. Multiple user devices (PCs, Set Top Boxes, telephones) can access broadband services through the same DSL line.
<b>Two Ethernet 10/100 BT and one USB port for home LAN with superior layer 3 routing features.</b>	Service providers can efficiently deliver through existing telephone lines, multimedia services such as fast Internet surfing, gaming on demand and e-learning within the domestic environment.
<b>QoS Management</b>	Provides excellent quality of service into a bundled voice, video and data .
<b>User friendly, intuitive and and complete WEB interface</b>	Make easier and quick the installation, configuration and activation of broadband access for all users, expert or not.
<b>Remotely manageable and upgradable through an integrated web page, Telnet, TFTP, DHCP,SNMP, TR-069</b>	Make integration in broadband networks and mass market deployment easy and quick.

# CPVA502+

## Technical Characteristics

### WAN/LAN Interfaces

ADSL / ADSL2 / ADSL 2+	<ul style="list-style-type: none"><li>◆ ANSI T1.413 I2</li><li>◆ ITU Automode</li><li>◆ ITU G.992.2 G.Lite</li><li>◆ ITU G.992.1 Annex A/Annex B - G.dmt</li><li>◆ ITU G.992. 3 (ADSL2)</li><li>◆ ITU G.992. 5 (ADSL2+) Annex M and Annex L</li></ul>	<ul style="list-style-type: none"><li>◆ Up to 8 PVC UBR, VBR, CBR</li><li>◆ LLC/SNAP for bridged/routed PDUs (RFC 2684, RFC 1483)</li><li>◆ PPPoA (RFC 2364), PPPoE (RFC 2516), IPoA,</li><li>◆ MER (IP over Ethernet over AAL5)</li><li>◆ User authentication PAP (RFC 1334) and CHAP (RFC 1994)</li></ul>
------------------------	---	---

### Data

Domestic LAN Interfaces	<ul style="list-style-type: none"><li>◆ 2 Ethernet 10/100 BaseT with half/full duplex mode, RJ-45 connectors</li></ul>	<ul style="list-style-type: none"><li>◆ 1 USB 1.1 Device Interface</li></ul>
Layer 3	<ul style="list-style-type: none"><li>◆ NAT/PAT (RFC 1631)</li><li>◆ Static routing</li><li>◆ Virtual servers</li></ul>	<ul style="list-style-type: none"><li>◆ RIPv2</li><li>◆ Port mapping</li></ul>
Parental Control	<ul style="list-style-type: none"><li>◆ URL filtering</li><li>◆ IP address filtering</li><li>◆ Black list based on keywords</li></ul>	<ul style="list-style-type: none"><li>◆ MAC address filtering</li><li>◆ Daily timebase filtering based on PC name</li></ul>
Firewalling	<ul style="list-style-type: none"><li>◆ Access Control List</li><li>◆ MAC Layer Filtering</li><li>◆ Application content filtering</li></ul>	<ul style="list-style-type: none"><li>◆ Stateful inspection</li><li>◆ DMZ support</li><li>◆ Defence against Denial of Service attacks</li></ul>
QoS	<ul style="list-style-type: none"><li>◆ ATM and IP QoS supported</li></ul>	
Other Services	<ul style="list-style-type: none"><li>◆ DHCP Server, DHCP Client</li><li>◆ TFTP</li><li>◆ DNS Relay</li><li>◆ DNS server fallback in DNS Relay</li></ul>	<ul style="list-style-type: none"><li>◆ Dynamic DNS</li><li>◆ Date/time update from SNTP Internet Time Server</li><li>◆ Syslog</li></ul>

### Management

<ul style="list-style-type: none"><li>◆ Integrated Web Server</li><li>◆ Upgradeable via TFTP</li><li>◆ TR-069 (upon request)</li><li>◆ Configuration file upload and download</li></ul>	<ul style="list-style-type: none"><li>◆ Telnet</li><li>◆ Ssh</li><li>◆ Restore Factory Default Button</li></ul>
---	---

### Power Supply

- ◆ 12 Vdc +/- 15%, 10W AC/DC adapter 230 Vac, 50 Hz or 110 Vac, 60 Hz provided.

### Physical Dimensions

<ul style="list-style-type: none"><li>◆ Width 190mm ; Depth 140mm ; Height 38mm</li></ul>	<ul style="list-style-type: none"><li>◆ Wall mountable</li></ul>
---	--

### Environmental Conditions

<ul style="list-style-type: none"><li>◆ Operational temperature : 0 - 50° C</li><li>◆ Storage temperature : 0 - 70°</li></ul>	<ul style="list-style-type: none"><li>◆ Humidity : 85% (non condensing)</li></ul>
---	---

#### DISCLAIMER:

All statements, technical information and recommendations contained in this documentation have been carefully checked for reliability; however no responsibility is assumed for inaccuracies. The information contained in this documentation is subject to change without notice.