

# TA100 - TA200

Telseys Telephone Adapters TA100 and TA200 allow Broadband Network operators to easily connect traditional analog telephone equipment to VoIP networks.

TA100 and TA200 are intended for the efficient delivery of Voice over IP services to residential and SOHO users.

## KEY FEATURES

- >> Two Ethernet 10/100 BaseT for WAN and LAN interfacing [TA200]
- >> TA100 one FXS and TA200 two FXS interfaces to connect analog telephones, Fax devices and modems
- >> TA100 one VoIP call
- >> TA200 two simultaneous VoIP calls
- >> Different VoIP signalling protocols (SIP, ready for MGCP) and a complete selection of codecs
- >> Integrated Firewall, DoS defence and IP-VPN passthrough
- >> Locally and Remotely manageable and upgradable through integrated web page, TFTP

## BENEFITS

- >> Easily connects end users WAN and LAN.
- >> Preserve users current equipment telephones, Fax, Modems without the need to add expensive external IP Phones to get access to VoIP services.
- >> End users can benefit from ClassV supplementary services, fax and modem services over IP on one or two lines.
- >> Maximum flexibility for a quick integration with operators network infrastructures.
- >> Allow broadband access with the maximum security level, avoiding unauthorised intrusion to end users LAN.
- >> Make mass market deployment easy and quick, allowing end user to install and configure the device themselves and to enjoy VoIP services right away.



TA100



TA200

# TA100 - TA200

## TECHNICAL HIGHLIGHTS

### BROADBAND INTERFACE

> 1 Ethernet port 10/100 BaseT half/full duplex autonegotiating. RJ-45 connectors

### DOMESTIC LAN INTERFACE

> Ethernet port 10/100 BaseT half/full duplex autonegotiating. RJ-45 connectors (only for TA200)

### VOIP FEATURES

Simultaneous voice calls	> 1 for TA100	> 2 for TA200
Analog Interfaces	> TA100 1FXS, TA200 2FXS. RJ-11 connectors. > Dial mode supported DTMF	
VoIP Protocols	> SIP RFC3261, ready for MGCP	
Properties	> Echo cancellation G.168	> Modem/fax pass through
	> Silence suppression/comfort noise generation	
Voice Codecs	> G.711, G.723.1/A, G.729, G.729A/AB	
Fax over IP Protocols	> T.38	
Supplementary Services	> 3 Way Conference > Call Transfer > Call Forwarding on Ring-on-answer, Busy, and All > Call Return > Call Waiting > Call Holding > Caller ID > Caller ID with Name	> Call Waiting Caller ID > Caller ID Blocking > Call screening > Stutter Dial Tone > Anonymous Call Rejection > Selective Call Rejection > Block specific outgoing call prefix and numbers > Message Service (Voice Mail) supported

### NETWORKING FEATURES

Layer 3	> Flexible NAT with broad range of support for port sensitive Internet applications (TA200) > PPPoE with PAP and CHAP	> VPN Pass through (TA200) > DHCP Client > DHCP Server (TA200)
Security (TA200)	> Stateful Inspection Packet Firewall > DoS defence against fragmentation attacks, SYN flooding, port scanning, smurf attacks, and IP spoofing > VPN Passthrough Support L2TP/PPTP/Ipsec	
QoS	> TOS > DSCP	

### MANAGEMENT

> Remotely and locally upgradable  
 > Intuitive web-based management interface  
 > Software upgrade through web interface  
 > Restore default configuration button

### POWER SUPPLY

> 12 Vdc +/- 15%, 10 W  
 > AC/DC adapter 230 Vac, 50 Hz

### PHYSICAL DIMENSIONS

> TA100 Width 98mm Depth 62mm Height 23mm  
 > TA200 Width 132mm Depth 108mm Height 28mm

### ENVIRONMENTAL CONDITIONS

> Operation temperature 0 - 50 °C  
 > Storage temperature 0 - 70 °C  
 > Humidity 85% (non condensing)

#### 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.