



PRI Gateway 3301P & 3601P



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Elcom 3301P / 3601P is a PRI Gateway designed to interface between the TDM & IP Network. It provides seamless connectivity between the IP and PSTN networks through E1/PRI ports (up to 120 ports). It provides local survivability in the even of external networks and server failures. 3301P/3601P is a modular system which provides a high grade scalability up to 120 ports in a single box. 3301P/3601P PRI Gateway can be deployed to connect enterprise legacy PBX systems over an IP network. In addition, it can also be deployed in hosted communication and centralized IP-PBX application

### Features

E1/T1 port	1-4 ports
Ethernet LAN port	1
Ethernet WAN port	1
Firewall, VPN Router, Auto Attendant, Stacking Options, Failover	

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## Technical Specifications

<b>Telephony</b>	Auto Call Back, Call Forward / Hold / Transfer / pick-up, ISDN Service, Abbrivated Dialing, Direct Outward Dial, Video Phone, Hotline, DNS, Conferencing, Soft Phone, Call statistics, Flexi Numbering, Call blocking, unconditional call forwarding	
PBX Features	T.38 Fax over IP & Pass through, Dial plans (call routing), time of day routing	
Call history	Gateway Hosted Survivability	
PC-Based Applications	Elcom Configurator Console (ECC)	
<b>Voice Features</b>		
Voice Coding:	Supported through T.38 & pass through G.711A, G.726, G.729	
VoIP Encryption & Signaling:	Echo Cancellation / silence Suppression / Comfort Noise Generation	
DTMF:	SRTP, SIP v2, SIP/TLS	
VoIP Data and Signaling Protocols	In band & out of band signaling support Protocols ITU-T G.711, G.726, G.729 A, G.168-2000, 2002, Q.23, Q.24; IETF RFC 3951- iLBC, SIP, SIP/TLS, SDP, RTP/SRTP, Fax over IP T.38	
Primary Rate ISDN (PRI) Signaling	ITU-T: Q.921, Q.931, ETSI, ECMA-143-(QSIG);	
CAS Signaling	PRI switch types: DSS1, NET5, QSIG,	
<b>Connectivity</b>		
<b>Physical Interfaces</b>		
Premise connections:	CAS Support	
Uplink connections:	1 Ethernet 10/100BASE TX port to connect a PC for configuration purposes (RJ45) 1 E1/T1 ports to the central office (RJ45)	
System Capacity	1 Ethernet 10/100BASE TX (RJ45) 30 IP-PSTN calls via E1 or T1 respectively with external parties server/client for computer clock synchronization IP DIFFSERV for QoS, SIP tunneling	
<b>Network</b>		
<b>System</b>		
Management	PRI mode network / user (master/Slav)	
	Easy interconnection with all PBX,	
	Multilingual web interface accessible from LAN and WAN (HTTP/HTTPS)	
	Password control, Remote diagnostics and software upgrade, VoIP Carrier Wizard	
	Legible and editable configuration files, Download/restore configuration Reset button with factory reset option, Emergency recovery	
Diagnostics/Testing	System status LED, Security diagnostics, Remote testing E1/T1 and network diagnostics, System logs, SIP IDS logs, Call capture	
Billing and Statistics	Call Data Records (CDR)	
<b>Environmental</b>		
<b>Physical Dimensions</b>		
Measurements:	3301P: 48x45x335mm    3601P: 480x90x335mm	
Weight:	3301P: 8Kg max.    3601P: 12Kg max.	
<b>Conditions</b>		
Operating temperature:	0°C - 40°C	
Storage temperature:	-10°C to +70°C	
Non-condensing humidity	20% - 80%	
Powering Options	AC operation : 140V-265V AC DC Operation: 48V DC	
Power Consumption	Approx 0.7W/port	

This publication is not to be regarded as a complete system specification, or to be used as a contract document. We reserve the right to change the design or specifications without prior notice



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