

Overview **BrikerTel IP Phone**

The BrikerTel IP Phone by which users could make and receive calls facilitated by any BrikerBox as easy as they use conventional analog phone. BrikerTel IP Phone is compatible with a variety of industrial IP communication standards, thus capable of performing interoperability with most IP-Based protocols and systems. BrikerTel supports IAX2 and SIP protocols simultaneously. BrikerTel provides network bridge and router function and offers two ethernet interfaces. BrikerTel is compatible with various softswitch, centrex, IPPBX systems and VoIP gateway



Standard Component :	
Item	BrikerTel
Adapter(Input/Output)	
WAN	10/100Base- T RJ-45 for LAN
LAN	10/100Base- T RJ-45 for PC
Power Consumption	Idle: 1.5W active: 1.8W
LCD size	3 in. (70 x 33mm)
Operation Temperature	0~40°C
Relative Humidity	10~65%
Main Chipset	INFINEON IFX21553
SDRAM	64Mbits
Flash	16Mbits
Dimension(W×H×D)	220*200*85mm
Weight	1.0kg

Standard Package Component :		
Item	Qty	Remarks
Phone	1	LCD Display, Keypad
Adaptor	1	
CD	1	User Manual
Ethernet Port RJ45	2	
Cable	1	
Packing:		
Inner box MEAS	290*210*75mm	
G.W./unit	1.1kg	
Carton MEAS	446*395*325mm	
Colour	White/Black	
G.W.	12kg	
PCS/CTN	10pcs	

Features

- Support SIP 2.0 (RFC3261) and correlative RFCs
- Support IAX2
- Support Trunking to Briker Server
- Codec: G.711A/u, G.7231 high/low, G.729, G.722
- Echo cancellation: Support G.168, and Hands-free can support 96ms, Hand free Speaker Phone
- Support Voice Gain Setting, VAD, CNG
- Full duplex hands-free speakerphone
- NAT transverse: support STUN client
- SIP support SIP domain, SIP authentication (none, basic, MD5), DNS name of server, Peer to Peer/ IP call SIP support Public & Private server. Can connect to Public SIP and Private SIP server at the same time DTMF: Support SIP info, DTMF Relay, RFC2833
- SIP application: support Call forward/transfer/holding/waiting
- Call control features: Flexible dial map, Hotline, Empty calling reject, Black list for reject authenticated call, limit call, No disturb, Caller ID.
- Support three way conference call
- Support voice record, 240 seconds max or 3 record max, user-defined record prompt with 1 minute max
- Support Phonebook 500 records
- Incoming calls/Outgoing calls/Missing calls.
- Support paging and intercom
- Support conference and voice record on SIP server
- 8 kind of ring type

Network Features

- WAN/LAN: Support Bridge and Router model
- Support basic NAT and NAPT
- Support PPPoE for xDSL
- Support DHCP Client on WAN
- Support DHCP Server on LAN
- Support VLAN (optional: voice vlan/data vlan)
- QoS with DiffServ
- Support DMZ
- Support VPN (L2TP/UDP TUNNEL)
- Support DNS Relay, SNTP Client, Firewall
- Network tools in telnet server: Including ping, trace route, telnet

Maintenance and Management

- Web, telnet and keypad management
- Management with different account right
- Upgrade firmware through POST mode
- Upgrade firmware through HTTP, FTP or TFTP.
- Telnet remote management/Upload/download setting file
- Safe mode provide reliability
- Support Auto Provisioning (upgrade firmware or configuration file)
- Support Briker Software
- Support Syslog

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