

IP-PABX *BELTRÔNICA* Professional A COMPLETE SOLUTION FOR LARGE, MEDIUM-SIZED AND SMALL COMPANIES

With Intelligent Interactive Voice Response System

Unified Multiple Operator Voicemail

Mobile Phones Integrated into the Unified Communications System

COMPLETE LINE FOR SMALL, MEDIUM-SIZED AND LARGE COMPANIES

Wall Mounted

Rack Mounted

Modules:

IP-PABX 836 **IP-PABX 30100** **IP-PABX 1201000 (Redundant)** **2BRI** **2FXO** **2FXS** **1FXO+1FXS** **1GSM** **1 UMTS**

IP-PABX SYSTEM	Number of External Simultaneous Channels		Number of Local or Remote Extensions		Uninterruptible Power Supply	Slots Vague for Modules
	IP/SIP, ISDN, Mobile, Analogue and Skype	T ₁ , E ₁ and PRI	IP/SIP, ISDN, Mobile Phones, Analogue, Wi-Fi, Skype and Softphones	IP/SIP, ISDN, Mobile Phones, Analogue, Wi-Fi, Skype and Softphones		
836	8	—	36	—	PABX	2
30100	30	—	100	—	PABX and Peripherals	8
1201000	120 (80+40)	2	1000 (500+500)	—	PABX and Peripherals	8+8
30100R	30	—	100	—	—	8
1201000R	120 (80+40)	2	1000 (500+500)	—	—	8+8

Universal power supply: 100V~240V 50/60Hz, in the IP-PABX 836, 30100R and 1201000R models.
Different power supplies: A version for 100V~160V 50/60Hz, and one for 190V~240V 50/60Hz, in the IP-PABX 30100 and 1201000 models.

GATEWAYS, SWITCHES, PoE+UPS, Wi-Fi Radio Units and Cellular Transmitters for Complete Solutions

Transmitters 4G/3G/GSM, VoIP and Analogue

Gateways VoIP, ISDN and Analogue

Internal Wi-Fi Access Points

External Wi-Fi Access Points

Converter Data + PoE + UPS

Switches

Model	LAN	FXS	FXO	BRI	PRI	GSM
2 GSM-VolIP	1					2
4 GSM-VolIP	1					4
GSM-A		1				1
2 FXS	1	2				
4 FXS	1	4				
8 FXS	1	8				
2 FXO	1		2			
4 FXO	1		4			
1 FXS+1 FXO	1	1	1			
2 FXS+2 FXO	1	2	2			
4 BRI	1			4		
4 PRI	1				4	
G-4 BRI					4	
G-8 BRI					8	
G-PRI						1
G-SIP						
M-Skype						
TR-Wi-Fi	1					
TR-Wi-Fi E	1					
R-4LAN-Wi-Fi	4					

UPS Switch 110/220V AC 50W

Data Converters for Data + PoE + UPS

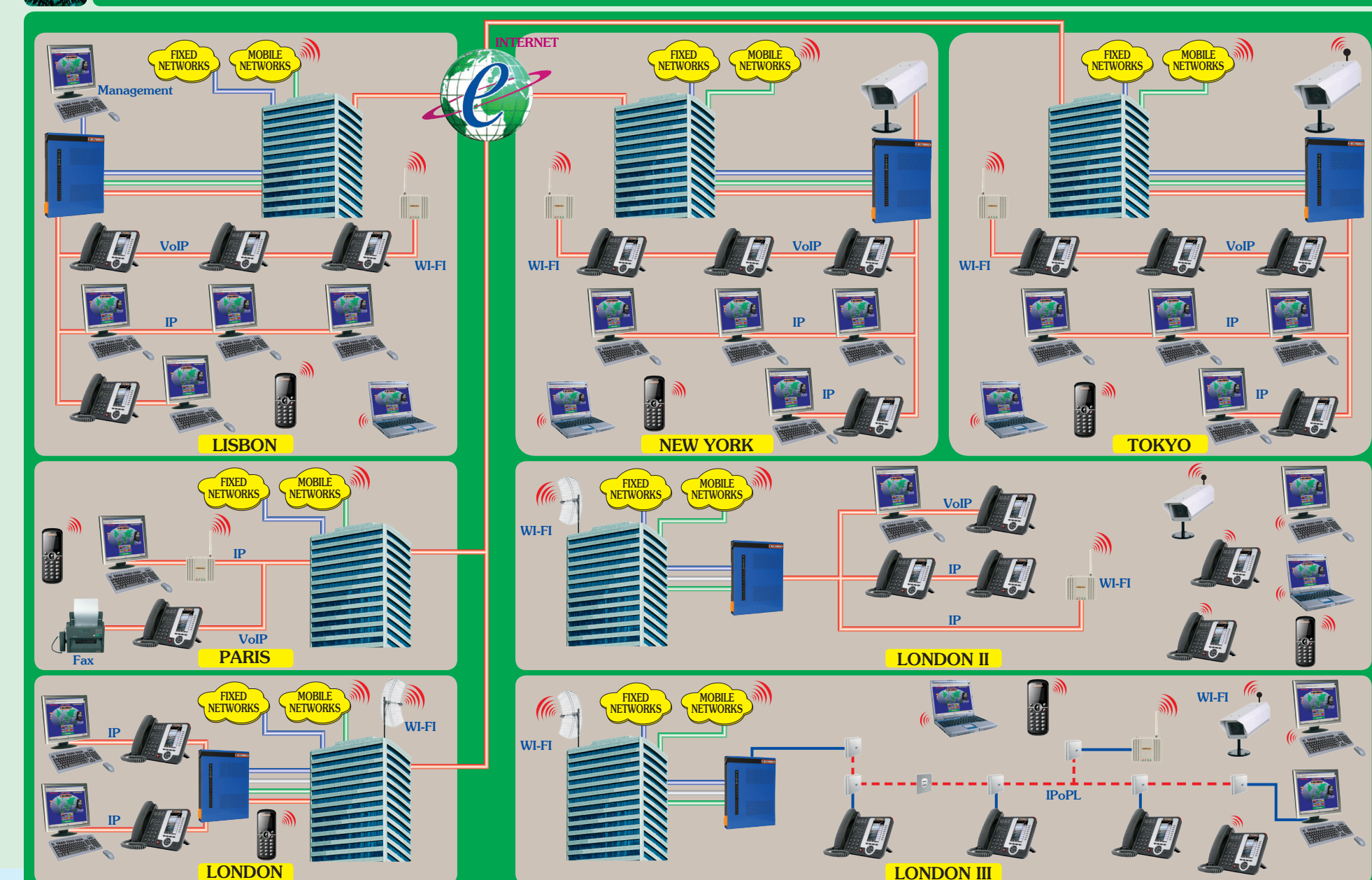
Model	Ports
CV-6	6
CV-8	8
CV-16	16

Feeders 12 and 48V DC 100W

IP, Wi-Fi and Traditional Phones for all Solutions - Integration Software for Mobile Phones

LAN and Wi-Fi Versions **LAN Version** **LAN Version** **Traditional Version** **Wi-Fi Version** **3G/GSM-SW**

NETWORKING - INTEGRATED SERVICES ON A SINGLE GLOBAL NETWORK



This example shows a company with facilities in seven different locations.

There is a single numbering plan for all extensions and any one can have access to all the networks and services on the system, even in the case of networks coming into a building from a different location. Access to the services of each extension, depends only on how the system is programmed and in accordance with the interest of the company.

In the example shown here, phone extensions and computers are working with many different technologies, including TDM/Wi-Fi/IP and IPoPL.

Note that Lisbon, New York, Tokyo, London II, London III and London, each have one central IP network connection, while in Paris there are only remote

extensions of the global network. The services that each extension has access, to depend exclusively on how they are programmed. The locations of Lisbon, New York, Tokyo, Paris and London are connected through the Internet. London III and London II are connected to the entire system via Wi-Fi, receiving this signal from London. Thus, London II and London III have access to the Internet and all features using the Wi-Fi option, thereby reducing Internet costs but without losing services.

In London III the local installation is wireless, using either IPoPL or Wi-Fi technology.

This is one example amongst thousands of possible configurations that the IP-PABX BELTRÔNICA Professional system has at your disposal, always ensuring greater operability and profitability for companies.



Frequently used functions

- Authentication on any Internet provider - SIP, IAX2, H.323 Optional.
- Auto answer.
- Where are you? (Location of mobile phones via GPS).
- Automatic transfers or pre-answering.
- Intelligent Call Routing for incoming calls based on Caller ID.
- Remote and local conferences.
- Caller ID on ISDN, IP, Mobile and Analogue lines and extensions whenever the signal is sent.
- Multi-system Caller ID (FSK, DTMF, BELLCORE and ETSI).
- Intelligent Routing Management for Free or Reduced Rate.
- Programmable routing.
- Call parking.
- Blacklists.
- Call forwarding.
- Call diversion.
- Calls in queue.
- Call recovery.
- Calls by request.
- Call reminders.
- Group calls.
- Dial by name, in the terminals allowing this.
- Do not disturb.
- Intelligent Interactive Voice Response Management.
- Distribution and sharing of calls.
- Personalised voice messages.
- Personal access code.
- Call monitoring.
- Recording of communications.
- Call waiting.
- Call barring.
- Multiple Operator Voicemail.
- Information regarding the state of the extensions.
- People search and speakerphone with intercom in extensions equipped with terminals permitting this.
- Follow me.
- Network choice.
- Music on hold.
- Remote and local call capture.
- Day, night and special services.
- Flexible answering with different rings and destinations.
- Multi-memory System.
- IP and Traditional Networking.
- Intelligent maintenance robot with "auto-backup" and recovery.
- Intelligent management of audio and video codecs.
- Updating features.
- Orange emergency plug.
- Intelligent Management of Wireless and Wi-Fi networks.
- Remote offices and facilities.
- Virtual offices and facilities.
- Global Management of Fixed, Mobile and Internet Networks.
- Automatic conversion of protocols.
- Detailed traffic system by extension and network with Financial Management.
- Time clock.
- Integration with the database.
- Direct Inward System Access (DISA).
- Grouping of extensions.
- Physical or softphone extensions, local or remote.
- Call rejection.
- Call redirection.
- Selective call receiver.
- Flexible numbering plan.
- Direct calling upon lifting the handset.
- Call me. Internal and External (call-back).
- Warning message.
- Transfer of internal or external calls to the inside and outside.
- Intelligent Voice Manager.
- Differentiated service classes.
- IP extension portability.
- Public meeting.
- Response to general or group calls.
- DSS functions.
- CTI applications.
- Telemaintenance, Telediagnosis and Teleprogramming.
- IP and conventional door intercom.
- Remote programming.
- Text messages (SMS).
- Instant Messaging (MI).
- Virtual Faxes.
- Skype account management.
- Programming multilingual software, especially in Portuguese, English, French, Italian, Spanish, Dutch, German, Norwegian, Danish and Chinese.
- Call Centre Applications.
- External music on hold (option).
- Pre-answering.
- Calling external speakers.
- All ISDN functions with ETSI signalling, as long as the local operator supports it.
- DDI - Automatic connection to extensions.
- Automatic and simultaneous multi-answering.
- Hold and transfer of video communications.