



Huawei IP PBX eSpace U1910

Overview

Huawei's eSpace U1910, a small capacity IP PBX, is a core component of Huawei IP telephony solution that provides professional voice services for a maximum of 100 users. U1910 offers flexible deployment options based on business needs. It helps to improve communication efficiency and enhance enterprise value.

The U1910 features high integration and its hybrid design supports both narrowband and broadband access. It supports different types of terminals, such as IP phones, analog phones, fax machines and integrated access devices IAD (for Remote analog / fax users).

The U1910 designs to support both AC and DC power supplies with 1+1 redundancy backup, unified management, and intuitive quick deployment.



Features and Benefits

Efficient communication system to grasp business opportunities

- Built-in audio conference bridge, support scheduling conference and instant conference, and making conference convenient and efficient
- One Number Link You (ONLY) service provides mobility to the user, enabling seamless reach ability anytime anywhere.
- Built-in voice mail service, including voice message leaving, receiving and sending, and enabling users to avoid missing important calls and guarantee the call reach ability.

Enhanced enterprise image and better branding

- Corporate main number service, which shows a unified enterprise image to the public and helps create better brand value.

Effective control mechanism to reduce communications cost

- Number analysis, blacklist and whitelist features, to improve calling efficiency
- Customized call right control of up to 32 levels.
- Personal authorized password for effective control of toll calls.
- Intelligent routing based on duration and fee.

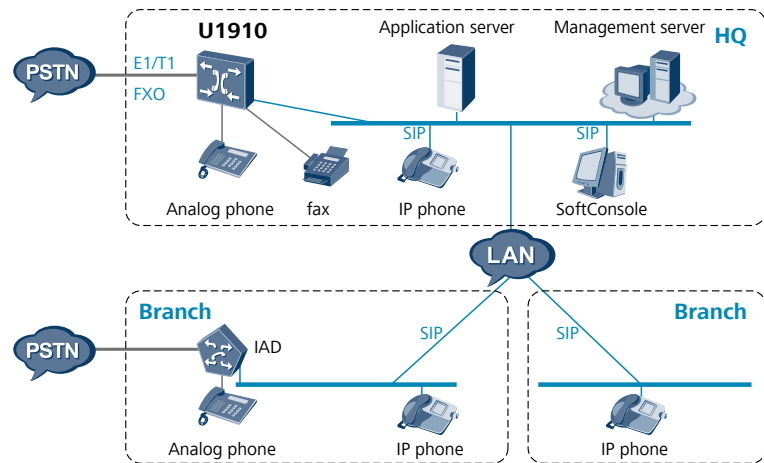
Flexible deployment, implementing installation within one hour

- Supports unified network management system (eSpace EMS) and local maintenance tool (LMT), provides graphic tool for one hour deployment.
- Local phone number querying
- Remote Activation/Deactivation of services by phones
- Built-in Web configuration features, which support conference scheduling, call forwarding and ONLY service configuration.

Application Scenarios


eSpace U1910 can be deployed as a IP PBX in case of small enterprise or can be used as a remote survival gateway for big enterprise networking.

eSpace U1910 is deployed at headquarters to connect to carrier' networks like PSTN through E1, T1 or FXO. If necessary, application and management servers can also be deployed. Users can adopt various types of terminals like analog phones, fax machines and IP phones to enjoy the communication services.



Technical Specifications

The following table lists the technical specifications of the eSpace U1910.

Item	Functionalities and Specifications	
Appearance		
Maximum Number of Users	100 (up to 96 FXS interfaces for analog phones and fax machines)	
Terminal Type	Analog phone, IP phone, video phone and soft clients	
Trunk Interface	24 FXO, 1 E1/T1	
Trunk Protocol	E1/SS7, E1/R2, E1/PRI, E1/QSIG, T1/PRI, T1/QSIG, SIP	
Codec	G.711A/μ, G.729a/b, iLBC	
Number of Meeting Channels	4 meeting halls (each supporting a maximum of 12 parties) and 12 meeting channels	
Built-in voice mail	10 channels concurrently	
Power Supply	AC: 100V to 240 V, 50 Hz/60 Hz DC:-38.4 V to -60 V, Typical value: -48 V Supports dual power: 1+1 backup	
Maximum Power Consumption	200 W(full configuration)	
Dimensions (H x W x D)	Standard 19-inch 2 U subrack 86.1 mm x 442 mm x 310 mm	
Weight	8kg (full configuration)	
Environment	Temperature	Storage temperature: -40°C to 70°C Long-term working temperature: 0°C to 45°C Short-term working temperature: -5°C to 55°C
	Humidity	Working humidity: 5% to 95% relative humidity (RH), no condensing
	Dustproof	Dustproof measures should be taken in the working environment. The potency of dust is less than 180 mg/m³ in the air.
System Reliability	99.995%	
Maintainability	Remote maintenance, automatic configuration, log collection, and daylight saving time (DST)	
Manageability	Centralized/Remote equipment management, signaling tracing, resource tracing, alarm management, and area-based management	

Copyright © Huawei Technologies Co., Ltd. 2012. All rights reserved.

HUAWEI TECHNOLOGIES CO., LTD.

General Disclaimer

The information in this document may contain predictive statements including, without limitation, statements regarding the future financial and operating results, future product portfolio, new technology, etc. There are a number of factors that could cause actual results and developments to differ materially from those expressed or implied in the predictive statements. Therefore, such information is provided for reference purpose only and constitutes neither an offer nor an acceptance. Huawei may change the information at any time without notice.

Huawei Industrial Base

Bantian Longgang

Shenzhen 518129, P.R. China

Tel: +86-755-28780808

Version No.: M3-001033183-20120628-C-2.0

enterprise.huawei.com