

Unified Gateway IP PBX

Model : Huawei eSpace U1910

Huawei eSpace U1910 unified gateway (U1910 for short) is a small-capacity IP PBX in Huawei IPT solutions and provides professional IP telephony (IPT) services. U1910 uses the SIP architecture, features high integration, supports 100 users per subrack and provides powerful networking capabilities. In the downstream direction, it supports both narrowband and broadband access, allowing for hybrid networking of analog phones and IP phones. In the upstream direction, it can connect to the public switched telephone network (PSTN) or to voice switches in private networks using digital, analog, and broadband SIP trunks. U1910 can be quickly deployed and easily maintained with the assistance of deployment and maintenance tools, due to its simple design.



Features

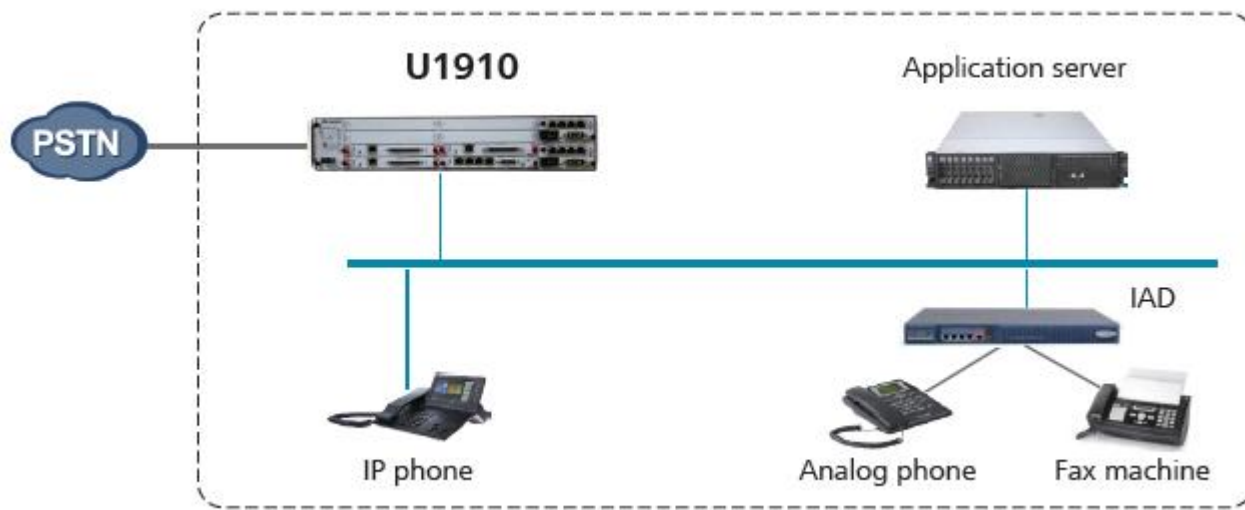
- Extensive IPT services.
- Built-in hi-fidelity audio conferencing, with multiple conferencing modes available.
- One Number Link You (ONLY), allowing users to answer incoming calls from anywhere, at any time, in the way that users prefer.
- Number analysis and white list/black list.
- 32-level customized call rights.
- Password-based call barring.
- Intelligent routing, saving communications costs
- GUI-based deployment tools for easy and quick installation
- Unified network management system, helping improve management and maintenance efficiency
- Built-in web management system for convenient operations

Applications

U1910 can function as an IP PBX., usually be deployed at the headquarters of an enterprise to connect to PSTN using narrowband and broadband trunks and provide call control services for the users. It supports to access from various terminals, including SIP phones, analog phones, IADs, and fax machines, providing feature-rich voice services.

This mode is suitable for small and medium enterprises

Application Diagram



Technical Specifications

Parameters	Specifications
Maximum number of Users	100 (a maximum of 96 FXS ports for analog users or 100 SIP users)
Terminal type	Analog phones, IP phones, video phones and soft clients
Port	24 FXO ports or 1 E1/T1 port
Trunk protocol	SS7, R2, PRI, QSIG, SIP
Codec	G.711A/μ, G.729a/b, and iLBC
Number of meeting participants	A maximum of 12 meeting participants which can be allocated to 4 meeting halls (each hall can support up to 12 participants by maximum)
Power supply	<ul style="list-style-type: none"> AC: 100 V to 240 V, 50 Hz/60 Hz DC: -38.4 V to -60 V (typical value: -48 V) Redundancy: 1+1 backup
Antenna gain	<ul style="list-style-type: none"> 2.4 GHz: 4 dBi 5 GHz: 5 dBi
Maximum power consumption	200 W (full configuration)
Temperature	<ul style="list-style-type: none"> Storage temperature: -40°C to +70°C

	<ul style="list-style-type: none"> • Long-term operating temperature: 0°C to 45°C • Short-term operating temperature: –5°C to +55°C
Relative humidity	5% to 95% (without condensation)
Dustproof	Less than 180 mg/m ³ dust in the air (Dustproof measures should be taken in the work environment)
System Reliability	99.995%
Maintainability	Remote maintenance, automatic configuration, log collection, and Daylight Saving Time (DST)
Manageability	Centralized/remote equipment management, signaling tracing, resource management, alarm management, and quick deployment
Dimensions (W x D x H)	86.1 mm x 442 mm x 310 mm
Weight	8 kg (full configuration)