



Huawei Integrated Access Device –eSpace IAD

Overview



eSpace IAD104H



eSpace IAD208E(M)



eSpace IAD132E(T)



eSpace IAD1224

Huawei eSpace IAD

Huawei Integrated Access Device eSpace IAD is designed to provide remote access to IP private branch exchanges (PBXs) and delivers voice over IP (VoIP), fax over IP (FoIP) and data access services to small and medium-sized branches of enterprises or SOHO offices.

Huawei eSpace IAD provides series devices, including eSpace IAD104H, eSpace IAD208E (M), eSpace IAD132E (T) and eSpace IAD1224. eSpace IAD supports power-off survivability, multiple registration and local switch as well as the access of analog terminals and PSTN, allowing employees to seamlessly access enterprises' broadband networks and benefit from premium and cost-effective services. Flexible networking configurations and quality of service (QoS) policies enable the eSpace IAD to provide effective quality assurance for delay-sensitive voice services and packet loss-sensitive fax services, thereby offering end-users high-quality voice and fax services.

Features and Benefits

Multi-Service Offering

- Supports voice, fax, and data services
- Supports PSTN supplementary services

Multiple Guarantee

- Supports user authentication and encryption, guaranteeing the secure network accessing and communication
- Supports multiple registration, local switch, power-off survivability, network-failure survivability and QoS policies, ensuring high reliability and good user experience

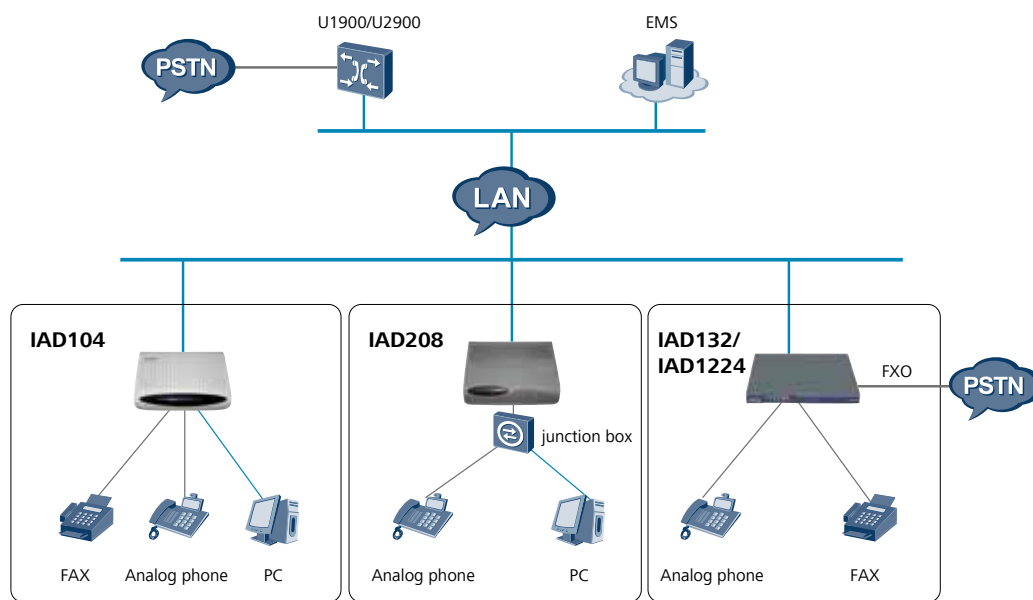
Flexible Deployment and Simple Installation

- Supports easy installation and maintenance through Huawei's unified network management system (eSpace EMS).
- Supports unified service rollout and management enabling rapid Deployment



Application Scenario

Huawei eSpace IAD can act as a remote access device for eSpace U1900 and eSpace U2900 series unified gateway, providing voice, fax and data services for small and medium-sized branches of enterprises or SOHO offices. eSpace IAD can be unified managed by eSpace EMS for configuration and performance monitoring etc.



eSpace IAD application networking

Technical Specifications

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

Interface / Features		eSpace IAD104H	eSpace IAD208E(M)	eSpace IAD1224
User Interface	FXS	4	8 ^①	0-224
	FXO	×	×	0-84
Physical Port	WAN	1	1	1
	LAN	1	8 ^①	2 ^②
	Console	1	1	1
Supported Protocol	SIP	√	√	√
	MGCP	√	√	√
Reliability	Power-off survivability	×	×	√
	Network-failure survivability	×	×	√
	Local switch	×	√	√
	Multiple registration ^③	√	√	√
Physical Specifications	Dimensions (H x W x D) mm ³	36 x 234 x 170	42 x 234 x 170	2U subrack of standard 19-inch chassis, 86.1 x 442 x 310
	Weight	480g	500g	10kg
	Power supply	Input: 100V~240V AC; Output: 12V DC	Input: 100V~240V AC; Output: 12V DC	Input: 110/220V AC; or -48 V DC
	Power consumption	7.4W	20W	200W

Note:

- eSpace IAD208E(M) supports eight integrated interfaces, which can be separated into eight FXS and eight LAN by junction box.
- eSpace 1224 supports two LAN, which can be used for debugging and IAD cascade separately.
- eSpace IAD104H supports configuring multiple SIP servers, but cannot register to multiple SIP servers simultaneously.

eSpace IAD132E(T) Technical Specifications

Interface / Features		eSpace IAD132E(T)				
		16S	32S	160+16S	80+8S	80+24S
User Interface	FXS	16	32	16	8	24
	FXO	×	×	16	8	8
Physical Port	WAN	1				
	LAN	3 (used for IAD cascade)				
	Console	1				
Protocol	SIP	√	√	√	√	√
	MGCP	√	√	√	√	√
Reliability	Power-off survivability	×	×	√	√	√
	Network-failure survivability	×	×	√	√	√
	Local switch	√	√	√	√	√
	Multiple registration	√	√	√	√	√
Physical Features	Dimensions (H x W x D) mm ³	1U subrack of standard 19-inch chassis, 42 x 436 x 365				
	Weight	5kg				
	Power supply	Input: 100V~240V AC				
	Power consumption	66W	86W	76 W	61 W	81 W



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

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 TECHNOLOGIES CO., LTD.

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