



Huawei Integrated Access Device – IAD

Overview

Huawei Integrated Access Device (IAD) is used in Huawei IP telephony and Unified Communications (UC) solution to connect traditional analog users to IP telephony networks.

By reusing legacy analog endpoints, IAD helps reduce initial investments in building IP telephony networks. IAD also reduces analog lines' routing and maintenance costs and enterprises' Total Cost of Ownership (TCO) by fully leveraging the transmission resources of IP networks.

The full series of IAD products support 4 to 224 analog user channels to fit the access scenarios of different user capacities.

Features and Benefits

A complete product portfolio, meeting diverse requirements

- Provides 4–224 analog user channels, meeting requirements for different network capacities
- Two installation modes: desktop and rack for different deployment requirements

Adapts to a broad range of solutions

- Integrates with Huawei UC, IP Multimedia Subsystem (IMS), and Next-Generation Network (NGN) solutions for the access of analog users

High reliability

- Multiple approaches to ensure high access reliability including triple-homing and local switch

High-quality voice

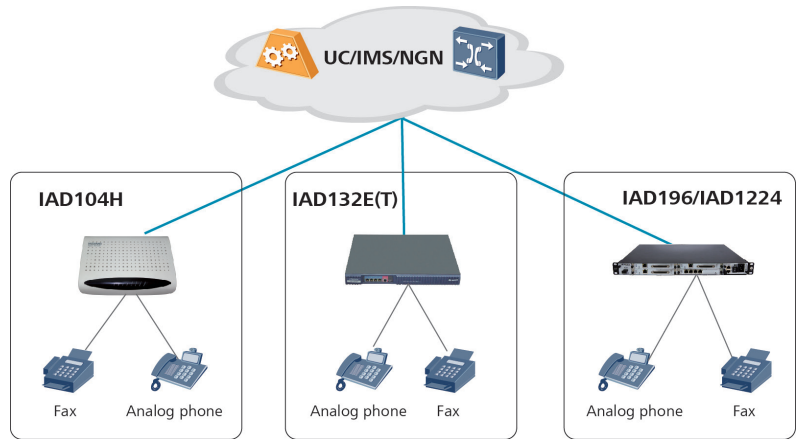
- Comprehensive Quality of Service (QoS) mechanisms and multiple voice codecs ensure high-quality voice services

Diverse management modes

- Intuitive Web-based management interface
- Unified network management system for batch deployment and upgrades

Typical Applications





IAD can be used in Huawei UC solutions to connect to analog users in various scenarios, such as Small Office Home Office (SOHO) and branches of small and medium-sized enterprises. IAD can also be used in Huawei IMS and NGN solutions to connect to remote analog users.



IAD application networking

Technical Specifications

The following table lists the technical specifications of the IAD.

| Interface / Features | | IAD104H | IAD132E(T) | IAD196 | IAD1224 |
|-------------------------|---------------------------|---|---|--|---|
| Appearance | |  |  |  |  |
| User Interface | FXS | 4 | 8~32 | 32-96 | 32-224 |
| Physical Port | WAN | 1 | 1 | 1 | 1 |
| | LAN | 1 | 3 | 2 | 2 |
| | Console | 1 | 1 | 1 | 1 |
| Supported Protocol | SIP | √ | √ | √ | √ |
| | MGCP | √ | √ | √ | √ |
| Reliability | Local switch | × | √ | √ | √ |
| | Triple homing | √ | √ | √ | √ |
| Physical Specifications | Dimensions(H x W x D) mm3 | 36 x 234 x 170 | 1U subrack of standard 19-inch chassis, 42 x436 x 365 | 1U subrack of standard 19-inch chassis, 44 x 442 x 310 | 2U subrack of standard 19-inch chassis, 86.1 x 442 x 310 |
| | Weight | 480g | 5kg | 8kg | 10kg |
| | Power supply | Input: 100V ~ 240V AC; Output: 12V DC | Input: 100V ~ 240V AC | Input: 100/240V AC; or- 48V DC | Input: 100/240V AC; or -48 V DC |
| | Power consumption | 7.4W | 86W | 150W | 200W |

Ordering Information

IAD104H

4-port Integrated Access Device (SIP/MGCP, No Power Adapter)

AC/DC Adapter--5degC-45degC-90V-270V-12V/1A-Europe Standard-DC inlet

AC/DC Adapter--5degC-45degC-90V-270V-12V/1A-UK Standard-DC inlet

AC/DC Adapter,-5degC,45degC,90V,270V,12V/1A,US Standard/DC inlet

IAD132E(T)

Integrated Access Device Basic Unit(32 Ports Standard Version,SIP/MGCP, include Power Module)

Integrated Access Device Basic Unit(16 Ports Standard Version,SIP/MGCP, include Power Module)

Subscriber Cable,16-Channel SPL Shielded, 10m, 0.4mm, 32 Cores, D68M, CC16P0.4P430U(S)-I, MUSA

IAD196

IAD196 DC Integrated Host

IAD196 AC Integrated Host

Analog Subscriber Interface Board(32FXS with 10m subscriber cable)

IAD1224

IAD1224 DC Integrated Host

IAD1224 AC Integrated Host

Analog Subscriber Interface Board(32FXS with 10m subscriber cable)

DC Power Components(350W,-48V)

AC-DC Power,-25degC,60degC,90V,290V,12V/25A







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