

One-Stop SME Network Solution Bookshelf



01 Solution Overview

Networking Solution

Mini networking	- Optical Modem + Switch + AP - Gateway + AP	[Document] Wi-Fi-based Deployment [Document] Wi-Fi-based Deployment	[Document] S380 Easy Web-based Deployment
Small networking	- Gateway + Switch + AP - Optical Modem + Gateway + Switch + AP	[Document] Wi-Fi-based Deployment [Document] Wi-Fi-based Deployment	[Document] S380 Easy Web-based Deployment
Midsize/Large networking	- Gateway + Core Switch + Access Switch + AP - Gateway + Core Switch + Access Switch + AP, Multiple WAN Egresses - Optical Modem + Gateway + Core Switch + Access Switch + AP - Gateway + Core Switch + Access Switch + WAC + AP	[Document] Wi-Fi-based Deployment [Document] Wi-Fi-based Deployment [Document] Wi-Fi-based Deployment [Document] Local Web-based Deployment	[Document] S380 Easy Web-based Deployment [Document] S380 Easy Web-based Deployment [Document] S380 Easy Web-based Deployment [Document] S380 Easy Web-based Deployment



02 Installation & Deployment

Device Installation

Gateway	S380 AR303, AR303W, AR720, AR730	[Tool] Quick Start [Tool] Quick Start	[Infographic] Installation Graphs [Infographic] Installation Graphs
Switch	S110, S220, S530, S620, S220S, S310S	[Tool] Quick Start	[Infographic] Installation Graphs
WLAN AP	Wall Plate 86x86 AP AP160, AP162E Common Wall Plate AP AP263, AP265E, AP266 , AP271E Indoor Settled AP AP361, AP361E, AP362, AP362E, AP371, AP661 , AP673 , AP673E, AP572 Outdoor AP AP761, AP761E, AP772, AP772E	[Video] Recommended Distance Between APs in a Multi-AP Scenario [Video] Junction Box Mounting [Infographic] Installation Graphs [Tool] Quick Start [Tool] Quick Start [Infographic] Installation Graphs	[Infographic] Installation Graphs [Video] Wall Mounting (Using Small Mounting Brackets) [Video] T-Rail Ceiling Mounting (Using Small Mounting Brackets) [Video] Gypsum Board Ceiling Mounting (Using Small Mounting Brackets) [Video] Spring Tee Ceiling Mounting (Using Small Mounting Brackets) [Tool] Quick Start
WLAN AC	AC650	[Tool] Quick Start	[Infographic] Installation Graphs

Networking Connection

Gateway	S380 AR303, AR303W, AR720, AR730	[Video] Introduction to WAN Ports [Video] Introduction to WAN Ports
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03 Configuration & Commissioning

Service Configuration (by Huawei eKit APP)

Wi-Fi-based deployment	[Video] Wi-Fi-Based Deployment [Video] Wi-Fi-based Deployment (No Internet Access) [Video] Wi-Fi-based Deployment Check Item 1: Checking the Device Model [Video] Wi-Fi-based Deployment Check Item 2: Checking the Cable Connections and Networking [Video] Wi-Fi-based Deployment Check Item 3: Checking Whether Devices Use Their Factory Default Settings
Barcode scanning-based deployment	[Video] Barcode Scanning-Based Deployment [Video] Entire-Network Deployment on the S380 via Barcode Scanning [Video] Deploying an AR Router by Scanning the Barcode
Quick network configuration	[Video] Wizard-based Network Configuration
Manual network configuration	[Video] Creating a Wi-Fi Network [Video] Adding Interfaces to VLANs [Video] Configuring Subnets [Video] Configuring Routes
Project handover	[Video] Getting the Acceptance Report [Video] Handing Over a Project
More configurations - Wi-Fi optimization	[Video] Manually Optimizing a Wi-Fi Network [Video] Automatically Optimizing a Wi-Fi Network [Video] Configuring Roaming Optimization
- AP mesh	[Video] Configuring AP Mesh Networking [Video] Aligning AP Antennas
- Other Wi-Fi functions	[Video] Changing the Wi-Fi Password [Video] Hiding a Wi-Fi Network [Video] Configuring Effective Frequency Bands for a Wi-Fi Network [Video] Setting a VLAN ID for a Wi-Fi Network [Video] Isolating Wi-Fi Users [Video] Configuring Band Steering for a Wi-Fi Network [Video] Configuring Rate Limiting for a Wi-Fi Network [Video] Connecting to a Wi-Fi Network by Scanning the QR Code [Video] Wi-Fi Health Check [Video] Wireless Blacklist and Whitelist Management [Video] Performing a Roaming Test
- LAN port	[Video] Configuring an Eth-Trunk Interface [Video] Configuring Interface Isolation [Video] Enabling or Disabling the PoE Power Supply Function [Video] Enabling or Disabling an Interface [Video] Configuring the Interface Rate
- WAN port	[Video] Configuring the Internet Access Mode for WAN Ports [Video] Configuring Load Balancing for WAN Ports [Video] Switching Between LAN and WAN [Video] Configuring Flow Control on WAN Ports
- Device management	[Video] Diagnosing AP Onboarding Failures [Video] Turning the AP Indicator On or Off [Video] Restoring Devices to Factory Default Settings [Video] Deleting a Device [Video] Restarting a Device [Video] Upgrading the Device via Mobile Phone [Video] Checking Terminal Information [Video] Alarm Management [Video] Checking the Configuration Delivery Result [Video] Testing the Network Speed [Video] Checking the Network Topology [Video] Performing a Ping Test [Video] Testing the Video Speed [Video] Managing Wired Cameras [Video] AI-Powered Troubleshooting
- Advanced functions	[Video] Quickly Deploying an IPTV Network [Video] Configuring the IPTV Network (No-Gateway Networking) [Video] Application Assurance [Video] Application Restriction [Video] DHCP Snooping [Video] Binding a Client to an IP Address

Service Configuration (by Huawei eKit SME Network Center)

Configuration guide	[Document] Configuration (Huawei eKit SME Network Center)
Network Deployment	[Video] S380 as the Gateway [Video] AR Router as the Gateway [Video] Optical Modem as the Gateway [Video] Wizard-based Network Configuration
Quick network configuration	
Manual network configuration	[Video] Adding Interfaces to VLANs
Project handover	[Video] Handing Over a Project
More configurations - LAN port	[Video] Configuring Interface Isolation [Video] Enabling or Disabling an Interface [Video] Configuring an Eth-Trunk Interface
- Advanced functions	[Video] Configuring Portal Authentication for Wireless Users

Service Configuration (by S380 Easy Web)

Local entire-network deployment	[Video] Managing Entire-Network Devices Through the S380
Quick network configuration	[Video] Wizard-based Network Configuration
Device management	[Video] Restarting Devices [Video] Restoring Factory Default Settings [Video] Adding Devices [Video] Deleting Devices

Service Configuration (by SME Network Product Web)

S380 local web-based operations	[Video] Configuring Internet Access [Video] Creating Subnets [Video] Configuring NAT
S220&S310&S530 web-based operations	[Video] Creating Service Subnets and Interconnection Subnets [Video] Configuring Static Routes [Video] Configuring an Eth-Trunk Interface
AR300&AR700 web-based operations	[Video] Configuring Internet Access (PPPoE Dialup) [Video] Configuring Internet Access (Static IP Address) [Video] Configuring Internet Access (DHCP) [Video] Restricting User Online Behaviors [Video] Preventing Unauthorized Access Through IP-MAC Address Bindings [Video] Guaranteeing Bandwidth for High-Priority Services [Video] Limiting the Upload and Download Rates of Each Intranet User

Typical Cases

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04 Maintenance & Troubleshooting

Troubleshooting guide

[Document] SME Network Solution Troubleshooting Guide [Document] S380 Troubleshooting Guide [Document] SME Network S Switch Troubleshooting Guide	Huawei eKit app-based operations S380 web-based operations AR300&AR700 web-based operations	[Video] Configuring the Login Password [Video] Logging In to the Web System for the First Time [Video] Changing the Device Password (Entire-Network Configuration) [Video] Logging In to the Web System for the First Time
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HUAWEI eKit App

HUAWEI eKit app is a one-stop platform dedicated for subcontractors and installers. It integrates a wide range of functions and resources required by subcontractors and installers, such as device deployment, remote maintenance, product information, quotation tools, scenario-specific solutions, and marketing materials. All these make it a great fit for subcontractors and installers to expand the SME market.