

# One-Stop SME Network Solution Bookshelf

## 01 Solution Overview

### Networking Solution

<b>Mini networking</b>	<ul style="list-style-type: none"> <li>Optical Modem + Switch + AP</li> <li>Gateway + AP</li> </ul>	<a href="#">[Document] Wi-Fi-based Deployment</a> <a href="#">[Document] Wi-Fi-based Deployment</a>	<a href="#">[Document] S380 Easy Web-based Deployment</a>
<b>Small networking</b>	<ul style="list-style-type: none"> <li>Gateway + Switch + AP</li> <li>Optical Modem + Gateway + Switch + AP</li> </ul>	<a href="#">[Document] Wi-Fi-based Deployment</a> <a href="#">[Document] Wi-Fi-based Deployment</a>	<a href="#">[Document] S380 Easy Web-based Deployment</a>
<b>Midsized/Large networking</b>	<ul style="list-style-type: none"> <li>Gateway + Core Switch + Access Switch + AP</li> <li>Gateway + Core Switch + Access Switch + AP, Multiple WAN Egresses</li> <li>Optical Modem + Gateway + Core Switch + Access Switch + AP</li> <li>Gateway + Core Switch + Access Switch + WAC + AP</li> </ul>	<a href="#">[Document] Wi-Fi-based Deployment</a> <a href="#">[Document] Wi-Fi-based Deployment</a> <a href="#">[Document] Wi-Fi-based Deployment</a>	<a href="#">[Document] S380 Easy Web-based Deployment</a> <a href="#">[Document] S380 Easy Web-based Deployment</a>

## 02 Installation & Deployment

### Device Installation

<b>Gateway</b>	S380 AR303, AR303W, AR720, AR730	<a href="#">[Tool] Quick Start</a> <a href="#">[Tool] Quick Start</a>	<a href="#">[Infographic] Installation Graphs</a> <a href="#">[Infographic] Installation Graphs</a> <i>~ New</i>				
<b>Switch</b>	S110, S220, S530, S620, S220S, S310S	<a href="#">[Tool] Quick Start</a>	<a href="#">[Infographic] Installation Graphs</a>				
<b>WLAN AP</b>			<a href="#">[Video] Recommended Distance Between APs in a Multi-AP Scenario</a> <a href="#">[Video] Junction Box Mounting</a> <a href="#">[Infographic] Installation Graphs</a> <a href="#">[Tool] Quick Start</a>				
	<table border="1"> <tr> <td><b>Wall Plate 86x86 AP</b></td> <td>AP160, AP162E</td> </tr> <tr> <td><b>Common Wall Plate AP</b></td> <td>AP263, AP265E, AP266</td> </tr> </table>	<b>Wall Plate 86x86 AP</b>	AP160, AP162E	<b>Common Wall Plate AP</b>	AP263, AP265E, AP266	<a href="#">[Tool] Quick Start</a>	<a href="#">[Infographic] Installation Graphs</a>
<b>Wall Plate 86x86 AP</b>	AP160, AP162E						
<b>Common Wall Plate AP</b>	AP263, AP265E, AP266						
	<table border="1"> <tr> <td><b>Indoor Settled AP</b></td> <td>AP361, AP361E, AP362, AP362E, AP371, AP661, AP673</td> </tr> </table>	<b>Indoor Settled AP</b>	AP361, AP361E, AP362, AP362E, AP371, AP661, AP673		<a href="#">[Infographic] Installation Graphs</a> <a href="#">[Video] Wall Mounting (Using Small Mounting Brackets)</a> <a href="#">[Video] T-Rail Ceiling Mounting (Using Small Mounting Brackets)</a> <a href="#">[Video] Gypsum Board Ceiling Mounting (Using Small Mounting Brackets)</a> <a href="#">[Video] Spring Tee Ceiling Mounting (Using Small Mounting Brackets)</a> <a href="#">[Tool] Quick Start</a>		
<b>Indoor Settled AP</b>	AP361, AP361E, AP362, AP362E, AP371, AP661, AP673						
	<table border="1"> <tr> <td><b>Outdoor AP</b></td> <td>AP761</td> </tr> </table>	<b>Outdoor AP</b>	AP761	<a href="#">[Tool] Quick Start</a>	<a href="#">[Infographic] Installation Graphs</a>		
<b>Outdoor AP</b>	AP761						
<b>WLAN AC</b>	AC650	<a href="#">[Tool] Quick Start</a>	<a href="#">[Infographic] Installation Graphs</a> <i>~ New</i>				

### Networking Connection

<b>Gateway</b>	S380 AR303, AR303W, AR720, AR730	<a href="#">[Video] Introduction to WAN Ports</a> <a href="#">[Video] Introduction to WAN Ports</a>
----------------	-------------------------------------	--

## 03 Configuration & Commissioning

### Service Configuration (by Huawei eKit APP)

<b>Wi-Fi-based deployment</b>	<a href="#">[Video] Wi-Fi-Based Deployment</a> <a href="#">[Video] Wi-Fi-based Deployment (No Internet Access)</a> <a href="#">[Video] Wi-Fi-based Deployment Check Item 1: Checking the Device Model</a> <a href="#">[Video] Wi-Fi-based Deployment Check Item 2: Checking the Cable Connections and Networking</a> <a href="#">[Video] Wi-Fi-based Deployment Check Item 3: Checking Whether Devices Use Their Factory Default Settings</a>
<b>Barcode scanning-based deployment</b>	<a href="#">[Video] Barcode Scanning-Based Deployment</a> <a href="#">[Video] Entire-Network Deployment on the S380 via Barcode Scanning</a> <a href="#">[Video] Deploying an AR Router by Scanning the Barcode</a>
<b>Quick network configuration</b>	<a href="#">[Video] Wizard-based Network Configuration</a>
<b>Manual network configuration</b>	<a href="#">[Video] Creating a Wi-Fi Network</a> <a href="#">[Video] Adding Interfaces to VLANs</a> <a href="#">[Video] Configuring Subnets</a> <a href="#">[Video] Configuring Routes</a>
<b>Project handover</b>	<a href="#">[Video] Getting the Acceptance Report</a> <a href="#">[Video] Handing Over a Project</a>
<b>More configurations</b>	<ul style="list-style-type: none"> <li>- Wi-Fi optimization                             <ul style="list-style-type: none"> <li><a href="#">[Video] Manually Optimizing a Wi-Fi Network</a></li> <li><a href="#">[Video] Automatically Optimizing a Wi-Fi Network</a></li> <li><a href="#">[Video] Configuring Roaming Optimization</a></li> </ul> </li> <li>- AP mesh                             <ul style="list-style-type: none"> <li><a href="#">[Video] Configuring AP Mesh Networking</a></li> <li><a href="#">[Video] Aligning AP Antennas</a></li> </ul> </li> <li>- Other Wi-Fi functions                             <ul style="list-style-type: none"> <li><a href="#">[Video] Changing the Wi-Fi Password</a></li> <li><a href="#">[Video] Hiding a Wi-Fi Network</a></li> <li><a href="#">[Video] Configuring Effective Frequency Bands for a Wi-Fi Network</a></li> <li><a href="#">[Video] Setting a VLAN ID for a Wi-Fi Network</a></li> <li><a href="#">[Video] Isolating Wi-Fi Users</a></li> <li><a href="#">[Video] Configuring Band Steering for a Wi-Fi Network</a></li> <li><a href="#">[Video] Configuring Rate Limiting for a Wi-Fi Network</a></li> <li><a href="#">[Video] Connecting to a Wi-Fi Network by Scanning the QR Code</a></li> <li><a href="#">[Video] Wi-Fi Health Check</a></li> <li><a href="#">[Video] Wireless Blacklist and Whitelist Management</a></li> <li><a href="#">[Video] Performing a Roaming Test</a></li> </ul> </li> <li>- LAN port                             <ul style="list-style-type: none"> <li><a href="#">[Video] Configuring an Eth-Trunk Interface</a></li> <li><a href="#">[Video] Configuring Interface Isolation</a></li> <li><a href="#">[Video] Enabling or Disabling the PoE Power Supply Function</a></li> <li><a href="#">[Video] Enabling or Disabling an Interface</a></li> <li><a href="#">[Video] Configuring the Interface Rate</a></li> </ul> </li> <li>- WAN port                             <ul style="list-style-type: none"> <li><a href="#">[Video] Configuring the Internet Access Mode for WAN Ports</a></li> <li><a href="#">[Video] Configuring Load Balancing for WAN Ports</a></li> <li><a href="#">[Video] Switching Between LAN and WAN</a></li> <li><a href="#">[Video] Configuring Flow Control on WAN Ports</a> <i>~ New</i></li> </ul> </li> <li>- Device management                             <ul style="list-style-type: none"> <li><a href="#">[Video] Diagnosing AP Onboarding Failures</a></li> <li><a href="#">[Video] Turning the AP Indicator On or Off</a></li> <li><a href="#">[Video] Restoring Devices to Factory Default Settings</a></li> <li><a href="#">[Video] Deleting a Device</a></li> <li><a href="#">[Video] Restarting a Device</a></li> <li><a href="#">[Video] Upgrading the Device via Mobile Phone</a></li> </ul> </li> <li>- O&amp;M                             <ul style="list-style-type: none"> <li><a href="#">[Video] Checking Terminal Information</a></li> <li><a href="#">[Video] Alarm Management</a></li> <li><a href="#">[Video] Checking the Configuration Delivery Result</a></li> <li><a href="#">[Video] Testing the Network Speed</a></li> <li><a href="#">[Video] Checking the Network Topology</a></li> <li><a href="#">[Video] Performing a Ping Test</a></li> <li><a href="#">[Video] Testing the Video Speed</a></li> <li><a href="#">[Video] Managing Wired Cameras</a></li> <li><a href="#">[Video] AI-Powered Troubleshooting</a></li> </ul> </li> <li>- Advanced functions                             <ul style="list-style-type: none"> <li><a href="#">[Video] Quickly Deploying an IPTV Network</a></li> <li><a href="#">[Video] Configuring the IPTV Network (No-Gateway Networking)</a></li> <li><a href="#">[Video] Application Assurance</a></li> <li><a href="#">[Video] Application Restriction</a></li> <li><a href="#">[Video] DHCP Snooping</a></li> <li><a href="#">[Video] Binding a Client to an IP Address</a></li> </ul> </li> </ul>

### Service Configuration (by Huawei eKit SME Network Center)

<b>Configuration guide</b>	<a href="#">[Document] Configuration (Huawei eKit SME Network Center)</a>
<b>Network Deployment</b>	<a href="#">[Video] S380 as the Gateway</a> <a href="#">[Video] AR Router as the Gateway</a> <a href="#">[Video] Optical Modem as the Gateway</a>
<b>Quick network configuration</b>	<a href="#">[Video] Wizard-based Network Configuration</a>
<b>Manual network configuration</b>	<a href="#">[Video] Adding Interfaces to VLANs</a>
<b>Project handover</b>	<a href="#">[Video] Handing Over a Project</a>
<b>More configurations</b>	<ul style="list-style-type: none"> <li>- LAN port                             <ul style="list-style-type: none"> <li><a href="#">[Video] Configuring Interface Isolation</a></li> <li><a href="#">[Video] Enabling or Disabling an Interface</a></li> <li><a href="#">[Video] Configuring an Eth-Trunk Interface</a></li> </ul> </li> <li>- Advanced functions                             <ul style="list-style-type: none"> <li><a href="#">[Video] Configuring Portal Authentication for Wireless Users</a></li> </ul> </li> </ul>

### Service Configuration (by S380 Easy Web)

<b>Local entire-network deployment</b>	<a href="#">[Video] Managing Entire-Network Devices Through the S380</a>
<b>Quick network configuration</b>	<a href="#">[Video] Wizard-based Network Configuration</a>
<b>Device management</b>	<a href="#">[Video] Restarting Devices</a> <a href="#">[Video] Restoring Factory Default Settings</a> <a href="#">[Video] Adding Devices</a> <a href="#">[Video] Deleting Devices</a>

### Service Configuration (by SME Network Product Web)

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

### Typical Cases

<b>Mini networking</b>	<ul style="list-style-type: none"> <li>Optical Modem + Switch + AP</li> <li>Gateway + AP</li> </ul>	<a href="#">[Document] Wi-Fi-based Deployment</a> <a href="#">[Document] Wi-Fi-based Deployment</a>	<a href="#">[Document] S380 Easy Web-based Deployment</a>
<b>Small networking</b>	<ul style="list-style-type: none"> <li>Gateway + Switch + AP</li> <li>Optical Modem + Gateway + Switch + AP</li> </ul>	<a href="#">[Document] Wi-Fi-based Deployment</a> <a href="#">[Document] Wi-Fi-based Deployment</a>	<a href="#">[Document] S380 Easy Web-based Deployment</a>
<b>Midsized/Large networking</b>	<ul style="list-style-type: none"> <li>Gateway + Core Switch + Access Switch + AP</li> <li>Gateway + Core Switch + Access Switch + AP, Multiple WAN Egresses</li> <li>Optical Modem + Gateway + Core Switch + Access Switch + AP</li> <li>Gateway + Core Switch + Access Switch + WAC + AP</li> </ul>	<a href="#">[Document] Wi-Fi-based Deployment</a> <a href="#">[Document] Wi-Fi-based Deployment</a> <a href="#">[Document] Wi-Fi-based Deployment</a>	<a href="#">[Document] S380 Easy Web-based Deployment</a> <a href="#">[Document] S380 Easy Web-based Deployment</a>

## 04 Maintenance & Troubleshooting

### Troubleshooting guide

- [\[Document\] SME Network Solution Troubleshooting Guide](#)
- [\[Document\] S380 Troubleshooting Guide](#)
- [\[Document\] SME Network S Switch Troubleshooting Guide](#)

### Password and Login

- Huawei eKit app-based operations**
  - [\[Video\] Configuring the Login Password](#)
- S380 web-based operations**
  - [\[Video\] Logging In to the Web System for the First Time](#)
  - [\[Video\] Changing the Device Password \(Entire-Network Configuration\)](#)
- AR300&AR700 web-based operations**
  - [\[Video\] Logging In to the Web System for the First Time](#)



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.