

Enterprise Product Portfolio







Technology and Solutions for the Enterprise

Enterprises vary in size and scope—each with their own unique yet important requirements. Enterprise business evolves quickly and the ability to scale rapidly, while remaining agile, is a major competitive advantage. Having a versatile solutions partner that can meet these requirements is a windfall for any organization.

As a global leader in Information Communications
Technology (ICT), Huawei provides customers in over 140
countries with end-to-end, advanced networking products
and services that span the enterprise business arena. Our
core business solutions include switches, routers, firewalls,
telepresence, video conferencing, storage and optical
transport.

The Huawei Difference

The strength of Huawei is the key differentiators that do not follow the technology establishment: dominant R&D investment, relentless customer service, open standards and unparalleled global experience. These strengths are reflected in Huawei's core business solutions.

Huawei is committed to serving as the most innovative and forward-thinking ICT technology partner for global enterprises—accelerating their ICT development and improving their operational efficiency. We work with our global enterprise customers and partners to jointly embrace the challenges brought about by ICT transformation—building a favorable industry ecosystem and continuing to develop the next generation of ICT products and solutions.





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Switch

CloudEngine 12800

The CE12800 Series is built on an advanced hardware architecture that has the highest performane of all core switches – providing a maximum of 48Tbps switching capacity and high-density line-speed ports. It provides the stability, reliability and security necessary to build a scalable, virtualized and converged data center or high-end campus network.

- Up to 2Tbps per slot, 48 Tbps per chassis switching capacity to support sustainable development of cloud-computing data centers for the next 10 years
- Industry-leading line card densities: 8*100GE and 24*40GE/96*10GE line cards
- Up to maximum of 96*100*GE, 288*40GE or 1152*1GE ports
- Unlimited capacity expansion, three-level CLOS architecture
- Virtualization: Virtual System (VS) and Cluster Switch System (CSS)
- L2 multipath protocol: TRILL







CE12804 CE12808

CE12812

CloudEngine 5800/6800

The CE5800/CE6800 Series utilizes an advanced architectural design with 40GE uplink ports and the industries' highest density of GE/10GE access ports. With abundant data center service features and high stacking capability, CE6800 switches can work with CE12800 switches to build a scalable, virtualized and converged fabric, meeting the requirements of cloud-computing data centers.

- Industry-leading 1U TOR Switch: 1.28Tbps switching capacity and up to a maximum 64*10GE ports
- Industry-first 16-member stack system: this provides more than 768*10GE access ports to support high-density server access in a data center
- Supports Fibre Channel over Ethernet (FCoE), which allows the storage service, data service and computing service to be transmitted on one network, reducing costs of network construction and maintenance
- Supports IETF TRILL protocol



CE6850-48S4Q-EI



CE6850-48T4Q-EI



CE5850-48T4S2Q-EI

S9700

The 9700 is based on Huawei's intelligent multilayer switching technology which provides high-end L2/L3 switching capabilities and integrates diversified services such as MPLS VPN, hardware IPV6, elastic cloud computing, high-definition video conferencing and large capacity wireless access.

- Highest 40GE Port Density: 8*40GE per slot, 7.68Tbs per chassis
- Up to a maximum 480*10GE ports, 96*40GE ports
- Cluster Switching System (CSS) provides up to 640Gbps stack bandwidth (4 times the industry average)
- Revolving air flow and Energy Efficient Ethernet provide up to 30% energy savings



S9703



S9706

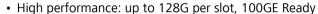




S9712

S7700

The S7700 series enterprise switches (S7700s) are high-end smart routing switches, which can function either as an aggregation or core node on a campus network to provide integrated wireless access or as an aggregation node in a data center. Based on carrier-class design, each S7700 switch supports 480x 10GE ports and can deliver 99.999% reliability in any enterprise environment. This high density of 10GE ports and high uptime, along with the ability to integrate voice, video, data and wireless services, helps enterprises build integrated, full-service networks and bring their campus and data centers into the era of the all 10GE core network.



- Patented Cluster Switching System (CSS) via switch fabrics that can provide industry-leading 256Gbps cluster bandwidth
- Up to 480*10GE ports, 24*40GE ports
- Visual fault diagnosis and hardware based OAM
- Redundant backup for key components, including MPUs, power supply units, and fans all of which are hot swappable



S7703



S7706



S7712

S6700

Large capacity and high density 10Gbps access, the S6700 supports up to a maximum of 48 line-speed 10GE ports and can be deployed in a data center to provide 10Gbps access to servers, or function as a core switch on a campus network to provide 10Gbps traffic aggregation. The S6700 Series of switches also provide a wide variety of services, comprehensive security policies, and various QoS features to help customers build scalable, manageable, reliable, and secure data centers

- High 10GE port density: 48 wire-speed 10GE ports
- i Stack 160Gbps maximum throughput with 9 devices.
- Smart Ethernet protection: multi-level cascade; multi-vendor interoperability
- Enhanced QoS control mechanism: complex traffic



S6700-24-EI



S6700-48-EI

S5700

Designed for high-bandwidth access and Ethernet multi-service aggregation, the S5700 provides large switching capacity and high-density GE ports to accommodate 10Gbps upstream transmissions. The S5700 Series of switches are all highly scalable and flexible, and can function as an access or aggregation switch on a campus network, a gigabit access switch in an Internet data center (IDC), or a desktop switch to provide 1Gbps terminal access.

- Flexible port combinations: 48GE+8*10GE ports or 64GE+4*10GE ports
- iStack 80Gbps maximum throughput with 9 devices
- · Hardware BFD and Ethernet OAM
- POE+ (30W per port), Port Hibernation and Energy Efficient Ethernet provide up to 30% energy savings
- Netstream visualizing service and traffic management



S2700

Utilizing cutting-edge switching technologies and Huawei's Versatile Routing Platform (VRP), the S2700 Series switch makes multi-service provisioning easy to install and maintain. Along with its flexible VLAN deployment, comprehensive security and QoS policies, and energy-saving technologies, the S2700 also helps customers build next-generation IT networks and can be used in a variety of enterprise network scenarios.

- Flexible VLAN deployment
- Versatile Routing Platform (VRP) for multi-service provisioning
- · Comprehensive security and QOS policies
- Auto Configure
- HGMP group management
- Embedded 6 KV surge protection
- 802.1x and MAC address authentication
- PoE+

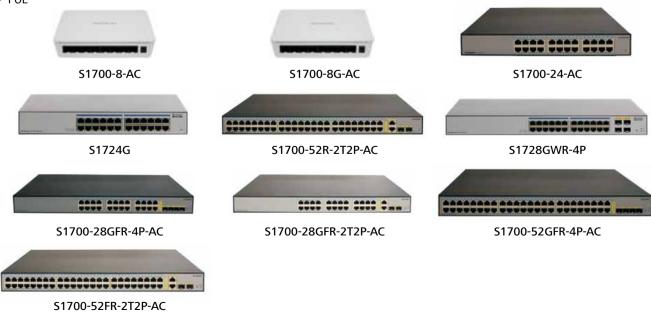


S270(1)0-52TP-EI/SI

S1700

Easy to install and maintenance-free, the S1700 Series is an energy-saving access switch. Providing a wide array of features to help build a secure and reliable network, the S1700 is easily the ideal choice for small and medium-sized enterprises, schools, hotels and retail locations.

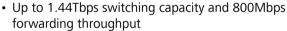
- Up to 30% energy savings
- Fan-less design
- Port hibernation and Energy Efficient Ethernet
- One-button operation for system recovery, upgrades and information collection
- PoE





NE40E

With up to 1.44Tbps switching capacity and 800Mbps forwarding throughput, these core routers still have a compact design that makes them ideal for enterprise campus networks. Based on Huawei's unified, mature, multi-service, Versatile Routing Platform (VRP), the NE40 Series offers intelligent and powerful L3 functions and supports various traffic classification methods that can classify services with great granularity and flexibility.



- Supports various traffic classification methods and service aware policies for Hierarchical Quality of Service (HQoS)
- Integrates intelligent functions for Fixed Mobile Convergence (FMC) applications
- Unified platform and unified management supporting end equipment plug-n-play and end-to-end service configuration



NE40E-X8



NE40E-X3

Next-generation Integrated Routers for the Enterprise

The AR1200/2200/3200 series provides a unified communication solution for enterprise customers by integrating routing, switching, 3G service, wireless LAN (WLAN), voice, and security functions in a single device. With a wide array of features and interface cards, these routers provide the industry-leading performance as well as the scalability to meet current and future business needs.

AR3200

- 8/12 core CPU, distributed service processing and nonblocking switching structure
- Hot swappable interface cards redundant components such as fan modules and power modules
- Supports various wired and wireless access modes:
- Ethernet, E1/T1, xPON, CPOS, WiFi, 3G, etc.,
- Forwarding capacity: 2Mpps (SRU40)/2.5M (SRU60)/4Mpps (SRU80)

AR3260

AR2200

- 4/8/12 core CPU, distributed service processing and nonblocking switching structure
- Hot swappable interface cards redundant components such as fan modules and power modules
- Supports various wired and wireless access modes: such as Ethernet, E1/T1, xPON, CPOS, WiFi, 3G, etc.
- Forwarding capacity: 1Mpps(AR2220), 2Mpps(AR2240 with SRU40), 2.5M (AR2240 with SRU60),
- 4Mpps(AR2240 with SRU80)



AR32201-48FE/AR2202-48FE



AR2204



AR2220/AR2220L



AR2240

AR1200

- Multi-core CPU, distributed service processing and non-blocking switching structure
- Various voice functions supported by built-in PBX, SIP server and SIP access gateway (AR1220W, AR1220VW)
- PoE support(1200V, 1200W, 1200VW)
- WLAN: IEEE 802.11 b/g/n(1220W, AR1220VW)
- Forwarding capacity: 450Kpps



AR1220/AR1220V

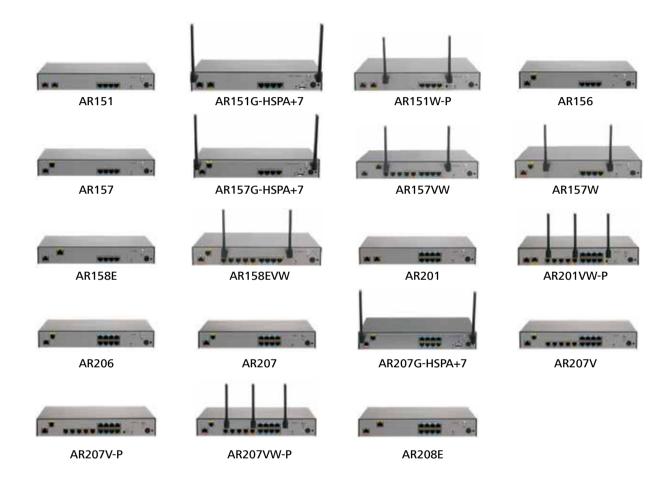


AR1220W/AR1220VW

AR150 & AR200

Due to its stable and quiet design, the AR150 and AR200 are easy to deploy and operate – greatly reducing the cost of maintenance which allows small businesses to increase productivity at a lower cost. AR150 & AR200 routers let administrators expand their networks easily and also support firewall, call processing, and application program functionalities.

- Supports voice DSP, call processing, firewall and application program functionalities
- Supports plug-and-play, intelligent configuration and deployment via USB flash drive
- Modular, fan-less and durable design that is well-suited to almost any environment





AC6605

Box Wireless Access Controller

- Management capacity: 512 Aps(Max), 10K Users(Max)
- Interface: 2*10GE optical interface, 20* GE electrical interface, 4* GE combo interface
- Power consumption: 85W
- Forwarding capacity: 8 Gbit/s line-speed



AP6010DN-AGN

Indoor dual-frequency AP with built-in antennas.

- Protocol: 802.11a/b/g/n
- Frequency bands: 2.4GHz & 5GHz
- Power support: PoE/PoE+
- Antennas: 2×2 MIMO, Beamforming
- PHY data rates: 300Mbps x 2
- Maintenance: dying gasp



AP5010DN-AGN

Indoor dual-frequency AP with built-in antennas.

- Protocol: 802.11a/b/g/n
- Frequency bands: 2.4GHz & 5GHz
- Power support: PoE/PoE+
- Antennas: 2×2 MIMO, Beamforming
- PHY data rates: 300Mbps x 2



AP7110DN-AGN

Indoor dual-frequency AP with external antennas.

• Protocol: 802.11a/b/g/n

• Frequency bands: 2.4GHz & 5GHz

• Power support: PoE+

• Antennas: 3x3 MIMO, Beamforming

PHY data rates: 450Mbps x 2Maintenance: dying gasp



AP6310DN-GN

Indoor distributed single-frequency AP with external antennas.

Protocol: 802.11b/g/n
Frequency bands: 2.4GHz
Power support: PoE/PoE+
PHY data rates:150 Mbps
Maintenance: dying gasp



AP6510DN-AGN

Outdoor dual-frequency AP with external antennas, PoE power supply.

• Protocol: 802.11 a/b/g/n

• Frequency bands: 2.4GHz & 5GHz

• Power support: PoE+

Antennas: 2x2 MIMO, Beamforming
PHY data rates: 300 Mbps x 2
Maintenance: dying gasp



AP6610DN-AGN

Outdoor dual-frequency AP with external antennas, SFP, and AC power supply.

• Protocol: 802.11 a/b/g/n

Frequency bands: 2.4GHz & 5GHz
Power support: AC Power Supply
Antennas: 2x2 MIMO, Beamforming

• PHY data rates: 300 Mbps x 2

• Interface: SFP

• Maintenance: dying gasp



OSN 8800 T64/T32

OSN 8800 T64/T32 Intelligent Optical Transport Platform achieves dynamic optical layer grooming and flexible electrical layer grooming. It is mainly applicable to the backbone core, metro core and metro convergence layers.

- Number of Slots: 64/32
- Cross-Connect Capacity: 3.2T/6.4T ODUk (K=0, 1, 2, 2e, 3, 3e2, flex) & 1.28T VCx electrical switching
- Interface: STM-1/4/16/64/256, OTU1/OTU2/OTU3, FE/GE/10GE/40GE/100GE,
- FC100/FC200/FC400/ FC1200, etc
- Reach: Max. 350km(81dB)
- PID: No amplifier(40km), no DCM(80km), no OSNR calculation; simple expansion of capacity (80G-120G-200G) and station
- ASON: WSON ASON, OTN ASON





OSN 8800 T16

OSN 8800 T16 is Huawei metro OTN/ASON-based intelligent multiservice WDM platform which is designed for network operators who require a flexible, cost-effective system that will multiplex, transport and switch high-speed data, storage, video, and voice applications.

- Number of Slots: 16 service slots, 18 optical slots
- Cross-Connect Capacity: 640Gbit/s ODUk (K=0, 1, 2, 2e, 3, 3e2, flex) central XC, smooth upgrade to 1.6Tbit/s
- Interface:STM-1/4/16/64/256, OTU1/OTU2/OTU3, FE/GE/10GE/40GE/100GE, FC100/FC200/ FC400/ FC1200, etc.
- Reach: Max. 350km(81dB)
- PID: No amplifier(40km), no DCM(80km), no OSNR calculation; simple expansion of capacity (80G-120G-200G) and station
- ASON: WSON ASON, OTN ASON





Transmission

OSN 1800 I/II

OSN 1800 series are compact WDM/OTN devices. They innovatively expand the ITU-T G.709 OTN recommendation to cover all the service from 2M to 10G.

- Number of Slots: 4/8
- Access Capacity: 60G/120G
- System Capacity: 40 λ DWDM, 8 λ CWDM
- Service: 2M-10G full rates, including E1/T1, STM-1/4/16/64, OC-3/12/48/192, FE, GE, 10GE, FC100/200/400/800/1200, FICON, ESCON, DVB-ASI, HDTV, HD SDI, SD SDI, 3G SDI, EPON, GPON and CPRI 2/3/6/7
- Power Supply: 1+1 AC/DC power supply







Network Management System

Huawei eSight Operation and Maintenance Solution

The eSight is a next-generation enterprise network management system based on advanced Web 2.0 architecture and uses the browser/server model. The eSight provides a unified O&M platform and components to meet the demands of enterprise customers.

eSight unified network management platform

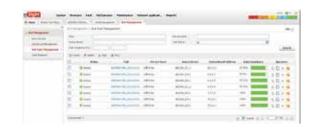
- Web 2.0 provides better user experience
- Multiple editions: Express edition, Compact Edition,
- Standard Edition, Professional Edition
- Unified O&M platform: Unified management of multiple devices from multiple vendors, including routers, switches, security devices, WLAN, servers, and third party devices



eSight SLA Manager platform

eSight SLA Manager works with the NQA function on network devices to measure network performance by sending diagnostic packets to and from multiple network elements or links.

- Service-oriented SLA and easy operation simplify O&M needs
- Visual historical network data provides the basis for network optimization



Network Traffic Analyzer

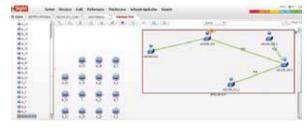
The Network Traffic Analyzer (NTA) provides refined management of network traffic and displays the Top N applications and hosts generating the highest traffic volume to help enterprises view traffic, locatefaults, and plan applications on branch networks.

- Support for mainstream network traffic protocols including NetStream, NetFlow, and sFlow
- The Dashboard allows users to check network status on the entire network
- Customized applications and groups give network administrators flexible methods to obtain traffic data
- Traffic audit can extract an original data stream for analysis and fault location
- Customized traffic reports provide a basis for future network planning

Network Traffic Analyz

The MPLS VPN Manager connects all enterprise branches to realize visible management of the entire enterprise network. The end-to-end MPLS service view and SLA testing of MPLS services guarantee the operation of key services. It realizes one-click fault diagnosis of services, devices, and ports to facilitate network O&M.

- Simple and convenient auto-discovery of services simplifies O&M
- One-click fault diagnosis leads to fast fault identification
- Visual service management facilitates unified monitoring of the entire network and provides upto-the-moment operational status of services
- Intelligent interaction with report, SLA, and performance monitoring



WLAN Manager

The WLAN Manager manages devices on WLAN networks in a centralized manner and implements visual monitoring on WLAN networks. This reduces WLAN network maintenance difficulties and costs.

- Comprehensive management for wireless devices such as ACs, Fit APs, and mobile terminals
- Wireless device batch configuration, improving management efficiency
- Rich wireless service reports, clearly revealing the wireless network quality, wireless network traffic, and time and spatial distribution of wireless users
- Identification, query, and blacklisting of unauthorized access devices
- Visual management of the WLAN device deployment region and location, network signal coverage scope, and network status





Unified Communications

Infrastructure

VP9620

VP9620 is a scalable universal transcoding HD MCU platform with embedded gatekeeper and web interface, and is designed for medium-sized videoconferencing network.

- Scalable 12/24/36 1080p HD ports
- Embedded web interface and gatekeeper
- Universal transcoding, personal continuous presence
- Standard open, integrated with Microsoft OCS/Lync, IBM Sametime, HUAWEI eSpace
- H.323/SIP, H.460, H.235
- Various types of Ad-hoc conferences, SiteCall and audio & video IVR



VP910

VP9610 is an all-in-one universal transcoding HD MCU platform with embedded gatekeeper and web interface, and is designed for small-sized videoconferencing network.

- 12 1080p ports
- Embedded web interface and gatekeeper
- Universal transcoding, personal continuous presence
- H.323/SIP, H.460, H.235
- Various types of Ad-hoc conferences, SiteCall and audio & video IVR



SMC2.0

Service Management System 2.0 is a new-generation videoconferencing service management system. The system is designed to assist small, medium and large organizations with the management and monitoring of their Videoconferencing and Telepresence assets.

- Centralized management of all video communication resources
- Hierarchical and role-based management of multiple users
- Efficient conference initiation, powerful conference control and monitoring functions
- Embedded gatekeeper and H.460 firewall transversal
- Integrated with Microsoft OCS/Lync and HUAWEI eSpace.
- API for third party integration



UGW9500

UGW9500 is the industry's first gateway to support interoperability between standard telepresence & videoconferencing system and TIP based system.

- Support 6/15/30/45 ports
- Support H.323/SIP, TIP
- 1080p 30fps HD interoperability
- · All-in-one design, embedded gatekeeper
- Support H.323 standard based endpoints of other vendors



TP3118

TP3118 is an immersive Telepresence system, which brings people together in a best ever virtual meetingexperience with simplicity and style, and provides face-to-face communications, to make fast decision, reduce cost and help you stay ahead of competition.

- Designed for group meetings with up to 18 participants in each room, two rows
- Proprietary ultra-wide-angle tri-lens HD camera with multi-channel image stitching technology, to make real eye contact
- Industry-leading 1080p60 video technology and 65-inch plasma screens to deliver true-to-life video
- 1080p30 dual-stream, 9*22-inch,16:9 tabletop screens for content collaboration
- AAC-LD (tri-channel audio) delivering a compelling cinema-level sound experience
- Ten-inch PAD with graphical user interface (GUI), easy to use



TP3118S





Telepresence and Videoconferencing

Immersive Telepresence

TP3206

TP3206 is the first panoramic Telepresence solution in the world. The new solution adopts one cooptical-center camera and three impressive 55" ultra-narrow bezel displays to provide users with ultimate immersive conference experience.

- The world's first 5760×1080p 60 panoramic Telepresence, with native 48:9 widescreen experience
- Supports up to six people for video conference and ten people for local conference
- Tri-channel audio delivering precise sound localization
- Ten-inch PAD with graphical user interface (GUI), easy to use
- Standard, open architecture for outstanding interoperability
- Lower bandwidt, less energy consumption, smaller footprint–reducing TCO by 30 percent



TP3106

TP3106 is the first immersive Telepresence system with1080p60 in the industry, which brings people together in a best ever virtual meeting experience with simplicity and style, and provides face-to-face communications, to make fast decision, reduce cost and help you stay ahead of competition.

- Designed for group meetings with up to 6 participants in each room
- Proprietary ultra-wide-angle tri-lens HD camera with multi-channel image stitching technology, to make real eve contact
- Industry-leading 1080p60 video technology and 65-inch plasma screens to deliver true-to-life video
- 1080p30 dual-stream, 3*22-inch,16:9 tabletop screens for content collaboration
- AAC-LD (tri-channel audio) delivering a compelling cinema-level sound experience
- Ten-inch PAD with graphical user interface (GUI), easy to use



TP1102-65

TP1102-65 is a single-screen Telepresence system designed for executive office and small-sized conference room. It provides an easy-to-use touch panel and ultra-large screen with 1080p60 HD video to make face-to-face communications and fast decisions.

- Designed for small group meetings with up to 2 ~ 4 participants
- Front-mount installation, space-saving, easy-to-maintain
- 65-inch HD plasma screen, 1080p30 HD dual-stream for superior video and content collaboration
- CD-quality audio with AAC-LD
- Ten-inch PAD with graphical user interface (GUI), easy to use
- Sleep and wake-up mode for energy saving



 55-inch HD LED, 1080p30 HD dual-stream for superior video and content collaboration





Room Telepresence

RP100 Series

RP100 series Telepresence systems provide 1080p HD video, AAC-LD CD-quality stereo audio, and flexible choices of screen sizes: 40-inch, 46-inch, and 55-inch. RP100 series display ultraslim design and provide three installation options to deliver great flexibility for different conference room setups in a cost-effective solution.

- Flexible choice: 40-inch, 46-inch and 55-inch single screen
- Flexible deployment: pedestal stand, pedestal stand with wheels or wall mount
- Deliver 1080p HD video to create face-to-face video communication
- PIP mode or split-screen mode for content collaboration
- CD-quality audio with AAC-LD
- Remote control or Ten-inch PAD, easy-to-use UI



RP200 Series

RP200 series Telepresence systems provide 1080p HD video, AAC-LD CD quality stereo audio, and flexible choices of screen sizes: 40-inch, 46-inch, and 55-inch. RP200 series display ultra-slim design and provide three installation options to deliver great flexibility for different conference room setups in a cost-effective solution.

- Flexible choice: 40-inch, 46-inch and 55-inch dual screen
- Flexible deployment: pedestal stand, pedestal stand with wheels or wall mount
- Deliver 1080p HD video to create face-to-face video communication
- Full-screen mode for content collaboration
- CD-quality audio with AAC-LD
- Remote control or Ten-inch PAD, easy-to-use UI



Endpoints

TE30

TE30 is a cost-effective 3 in 1 HD videoconferencing endpoint, which is easy to deploy and install in small-sized conference rooms.

- 1-cable-connect, 2-minute-deploy
- 3 In 1 Design: Codec & Camera & Microphone
- VME2.0 +H.264 HP: 1080P@512Kbps Bandwidth 50%
- Patented SEC 3.0: Tolerate 20% of packet loss
- Voice Initiation: Voice dialing; 6-meter sound collection
- Wireless connection with Wi-Fi and 3G



VP9030

VP9030 is a cost effective, high performance High definition video endpoint for small and medium-sized conference rooms.

- H.264 1080p 25/30fps(Optional), dual 720p 30fps
- H.239, AAC-LD, H.235, H.460, WEB configuration
- 4V+3A 720p30 embedded MCU(Optional)
- Integrated with Microsoft OCS/Lync, IMS Network
- IP/E1/4E1/PSTN access, Wireless network access (WCDMA, EVDO, LTE), Up to 4Mbps
- Interface: Video(2 in, 2out); Audio(4 in, 4 out)
- Active caption, SiteCall, API for The Third integration



VP9039A

VP9039A is an 1080p60 HD video communication endpoint for large-sized conference rooms.

- H.264 1080p 50/60fps, Dual 1080p 30fps
- H.239, AAC-LD, H.235, H.460, WEB configuration
- Integrated with Microsoft OCS/Lync, IMS Network
- IP/E1/4E1/PSTN access, Wireless network access (WCDMA, EVDO, LTE), Up to 8Mbps
- Interface: Video(4 in, 4out); Audio(5 in, 4 out)
- Active caption, SiteCall, API for The Third integration



VP90395

VP9039S is a 1080p HD video communication endpoint for large and medium-sized conference rooms.

- H.264 1080p 25/30fps, Dual 720p 30fps
- H.239, AAC-LD, H.235, H.460, WEB configuration
- Integrated with Microsoft OCS/Lync, IMS Network
- IP/E1/4E1/PSTN access, Wireless network access (WCDMA, EVDO, LTE), Up to 8Mbps
- Interface: Video(4 in, 4out); Audio(5 in, 4 out)
- Active caption, SiteCall, API for The Third integration



VP9035A is a high definition video endpoint for mediumsized conference rooms.

- H.264 1080p 25/30fps(Optional), dual 720p 30fps
- 4V+3A 720p30 embedded MCU(Optional)
- H.239, AAC-LD, H.235, H.460, WEB configuration
- Integrated with Microsoft OCS/Lync, IMS Network
- IP/E1/4E1/PSTN access, Wireless network access (WCDMA, EVDO, LTE), Up to 4Mbps
- Interface: Video(3 in, 3out); Audio(5 in, 4 out)
- Active caption, SiteCall, API for The Third integration

VP9036S-M

VP9036S-M is a 1080p60 High definition group video endpoint with 4-site embedded MCU for Small and Medium Businesses.

- H.264 1080p 50/60fps, Dual 1080p 30fps
- 4V+3A 720p30 embedded MCU
- H.239, AAC-LD, H.235, H.460, WEB configuration
- Integrated with Microsoft OCS/Lync, IMS Network
- IP/E1/4E1/PSTN access, Wireless network access (WCDMA, EVDO, LTE), Up to 4Mbps
- Interface: Video(3 in, 3out); Audio(5 in, 4 out)
- Active caption, SiteCall, API for The Third integration







Personal Video Systems

VP9050

VP9050 is a high definition desktop videoconferencing endpoint for executive desktop communication with an elegant and sleek design.

- 1080p 30fps(Optional), 720p 30fps
- Touch Screen(21.5 Inch,16:9,1080p, LCD), Be
- used as VC Endpoint and PC Display
- 4V+3A 720p30 embedded MCU(Optional)
- Built-in 1080p HD Camera, 2 Mics and 2 Stereo Loudspeakers
- IP and Wireless network access (WCDMA,EVDO, LTE), Up to 4Mbps
- H.323/SIP, AAC-LD audio, H.239 (1280*1024), AES



Peripherals

VPC5005

VPC500S HD video camera working with HUAWEI HD VP90XX series endpoints provides 1080p60/720p60 high definition video experience.

- 1/2.5 Inch 2M effective pixels HD CMOS
- 1080p 50/60fps(Optional), 720p 60fps
- 12x optical zoom, 70° View angle
- Setting button, LCD display, Inverse installation
- Auto White Balance(AWB), Auto Exposure(AE), Auto Focus(AF)
- 1 x HD-DVI interface



VPC500E

VPC500E HD video camera working with HUAWEI HD VP90XX series endpoints provides 1080p30 high definition video experience.

- 1/2.5 Inch 2.1M effective pixels HD CMOS
- 1080p 25/30fps, 10x optical zoom, 70° View angle
- Setting button, LCD display, Inverse installation
- Auto White Balance(AWB), Auto Exposure(AE), Auto Focus(AF)
- 1 x HD-DVI interface



VPC520

VPC520 ultra HD video camera working with HUAWEI HD VP90XX series endpoints provides 1080p60 high definition video experience.

- 1/3 Inch 2M effective pixels HD CMOS
- 1080p 50/60fps, 12x optical zoom, 70° View angle
- Setting button, LCD display, Inverse installation
- Auto White Balance(AWB), Auto Exposure(AE), Auto Focus(AF)
- 1 x SDI, 1 x HD-DVI interface



VPM210

VPM210 microphone array working with Huawei VP90xx series HD video endpoints brings a brand new audiovisual experience.

- Elegant appearance: compact, professional, and stylish
- Plug-and-play, Power over Ethernet
- Dual-channel audio, 6-meter pickup distance, and 360-degree pickup angle
- · Automatic triple-cascading
- ANS, AEC, and AGC technologies





Disk Storage System

Dorado Series

The Dorado series products adopt exclusively solid-state storage as its system architecture as well as the dualcontroller design to provide a compelling user experience. The Dorado series products can meet the requirements of various applications such as large-scale database, high-performance computing, and VDI for highly reliable and high-performance storage.

Dorado2100 GS

- 600,000 IOPS
- Low Latency: Access latency as low as 500µs
- Active-active mode Dual-controller architecture
- Key components are fully redundant and hot-swappable
- FC/10GE/IB are available
- Up to 20TB usable capacity for SLC
- Up to 40TB usable capacity for eMLC

Dorado5100

- 600,052.49 SPC-1 IOPS
- 500µs access latency
- Active-active mode Dual-controller architecture
- Key components are fully redundancy and hot-swappable
- Up to 19.2TB usable capacity for SLC
- Up to 38.4TB usable capacity for eMLC

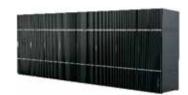




HVS88T

The HVS88T is an enterprise storage system applied in pivotal data centers to protect core businesses in numerous systems, such as core systems in banks, ERP systems in the manufacturing industry, carriers' BOSSs and etc.

- Up to 8 engines, 16 controllers
- Maximum 3 TB cache
- 3216 hard disks, including high-speed solid state drive (SSD) disks
- 16,000,000 IOPS
- More than 30,000 snapshots
- 1024 Gbps switching matrix
- 4S scaling technology(scale-up, scale-out, scale-deep, scale-in)
- 3D data flowing technology(data flowing vertically, data flowing horizontally, data flowing deeply



S6800T

A product which focuses on high-end storage markets, for large-database OLTP/OLAP, high-performance computing, digital media, central storage, backup, disaster recovery, and data migration.

- Dual-controller
- Cache capacity: 192GB/384GB
- Extended cache: 4.8TB
- Front-end port: 8 Gbps FC, 1 Gbps iSCSI, 10 Gbps iSCSI(TOE),10Gbps FCoE
- 1440 Disk Drives



T Series Unified Storage System

T series unified storage(Include S2600T,S5500T,S5600T, S5800T) is for mid-range and high-end storage applications. It boasts integration of block & file-level data storage.

- Dual-controller
- Cache capacity: 8GB~192GB
- Extended cache: 1.2TB~3.6TB
- Front-end port: 8 Gbps FC, 1 Gbps iSCSI, 10 Gbps iSCSI (TOE), 10 Gbps FCoE
- 276~1440 Disk Drives



S2200T

A new storage product designed for enterprise's entry-level storage applications including database OLTP/OLAP, digital media, video surveillance, centralized storage, backup.

- Single-controller/Dual-controller
- Cache capacity: 2 GB per controller
- Front-end port: 8 Gbps FC or 1 Gbps iSCSI
- 108/204 Disk Drives



Cloud Storage and Big Data

N8500

A clustered NAS storage system leads the high-end system for high performance, high scalability, effective data management, and unified storage.

- 2-24 Nodes
- · Active-Active mode
- Up to 16 x 1GbE ports/node
- Up to 6 x 10 GbE ports/node
- Dynamically expansible, up to 15 PB
- File system size: Dynamically expansible, up to 256 TB
- Storage network protocols: FC, iSCSI, FCoE, NFS, CIFS, FTP, HTTP



CSS

CSS is a cutting-edge distributed systems platform with large capacity, flexible expansion, and intelligent resource allocation and management. It uses for file backup, video surveillance, behavior analysis, and data mining.

- Database: Supports JDBC and ODBC interfaces
- File system: Supports POSIX, NFS, CIFS, FTP protocols
- Allows the failure of up to three nodes
- Full redundancy design ensures 99.999% availability
- Scale-out architecture, performance improves linearly as the capacity growth



UDS Massive Storage

UDS adopt highly available P2P distributed storage engine, and ARM based high density hardware, to provide a unlimited scalability and extreme low TCO massive storage solution. UDS can be used to support a wide variety of use cases, such as Public Cloud Service, Centralized Backup and Active Archiving.

- Amazon S3 interface compliance
- Exabyte level scalability
- Multiple Datacenter supported, 11 nines data durability
- High density design, 2PB+ in 1 Rack
- 60% Lower Power consumption with ARM CPU and consumer disk



Application Storage System

VIS6300/VIS6600

An industry-leading virtual storage product for heterogeneous storage consolidation and hierarchical disaster recovery, provides unified management, data migration.

- · Storage virtualization
- · Multipath load balancing and failover
- Multi-node cluster, up to 8 nodes
- Heterogeneous volume mirroring
- · Data replication



With a powerful emulation capability, it can virtualize all mainstream physical tape libraries. Additionally, it provides various value-added functions including data deduplication and remote replication.

- Max Backup performance: 31 TB/hour
- Emulation: 256 tape libraries, 2048 tape drives, 500,000 tapes
- Deduplication: Inline, Post-processing
- Max. Drive: 576
- Max. Host ports: 20 x 8G FC or 8 x 10GE iSCSI

VTL6000

A middle and high-end VTL product, that focuses on industrial customers and carriers who have high requirements on performance and reliability.

- Max Backup Performance: 9 TB/hour
- Emulation: 256 tape libraries, 2048 tape drives, 131,070 tapes
- Deduplication: Post-processing
- Max Drive:192
- Max. Host ports: 4*8Gb FC + 8*1Gb iSCSI (8Gb FC and 10GE expandable)

HDP3500E

OceanStor HDP3500E is a backup product consisting of server, media, and backup software. It integrates Symantec NetBackup to deliver safe and reliable data protection.

- 4 x GE Backup ports
- Data Disks:12x3.5" NL_SAS, System Disks:2x2.5 " SAS
- Dimensions (H x W x D):86.1 mm x 446 mm x582 mm
- Comprehensive data protection for Windows, Linux, UNIX platform, and VMware, Hyper-V virtual platform
- Wizard style graphical management and configuration interface









Storage Area Network

SNS5120

The SNS5120 meets the core switching needs of the large-scale SAn. It offers unprecedented scalability, small footprint, and low TCO.

- 16 to 256 8 Gbit/s ports
- Fabric, Loop, and P2P
- < 0.2 µs at 8 Gbit/s
- One SNS5120: 816 Gbit/s full-duplex

SNS2120

The SNS2120 meets the enterprise SAN switching needs and helps reduce enterprise SAN costs with the superior switching performance, powerful scalability, and easy-to-manage features.

- 8 to 20 8Gbit/s FC ports
- Fabric, Loop and P2P
- <0.2µs Switching latency
- 544 Gbit/s with a non-blocking architecture



Storage Resource Management

InfraControl

Enterprise data center, IT infrastructure centralized operation and analysis optimization.

- System Manager: Storage, server, switch control, centralized management, resource allocation
- SAN Insight: End to end network storage path analysis, rapid positioning of single points of failure
- System Reporter: Capacity, performance analysis report, positioning performance bottleneck, capacity allocation







Data Center Firewall-USG9520

The USG9520 Unified Security Gateway is a data center firewall which suited for securing enterprise and service provider.

- Maximum 3 slots, 40 Gbps IMIX firewall performance, 40 Gbps Anti-DDoS performance, and 8 Gbps IPS performance for a single device
- Maximum 16 millions concurrent sessions for a single device
- Maximum 1 millions New sessions/second for a single device
- IPS and Anti-DDoS services implemented respectively on independent boards
- · Application identification and management
- Comprehensive IPv6 attack defense capability and IPv6 transition solution
- 4096 virtual firewalls, Virtualized IPS, virtual IPSec VPN access
- · Dynamic policy floating

Data Center Firewall-USG9520

The USG9560 Unified Security Gateway is a data center firewall which suited for securing large enterprise infrastructure as well as service.

- Maximum 8 slots, 100 Gbps IMIX firewall performance, 100 Gbps Anti-DDoS performance, and 40 Gbps IPS performance for a single device
- Maximum 40 millions concurrent sessions for a single device
- Maximum 2.5 millions New sessions/second for a single device
- IPS and Anti-DDoS services implemented respectively on independent hoards
- Application identification and management
- Comprehensive IPv6 attack defense capability and IPv6 transition solution
- 4096 virtual firewalls, Virtualized IPS, virtual IPSec VPN access
- · Dynamic policy floating





Data Center Firewall-USG9580

The USG9580 Unified Security Gateway is a data center firewall which suited for securing large enterprise infrastructure as well as service provider.

- Maximum 16 slots, 200 Gbps IMIX firewall performance, 200 Gbps Anti-DDoS performance, and 80 Gbps IPS performance for a single device
- Maximum 80 millions concurrent sessions for a single device
- Maximum 5 millions New sessions/second for a single device
- IPS and Anti-DDoS services implemented respectively on independent boards
- Application identification and management
- Comprehensive IPv6 attack defense capability and IPv6 transition solution
- 4096 virtual firewalls, Virtualized IPS, virtual IPSec VPN access
- Dynamic policy floating



The USG2110 Unified Security Gateway is a UTM which suited for securing small distributed enterprise locations.

- 180Mbps Firewall performance
- 100K Maximum concurrent sessions
- 2K New sessions/second
- 40Mbps VPN performance
- Firewall, VPN, IPS, Web filtering, Anti-Virus, Anti-Spam, Anti-DDoS, Application Control
- Support WIFI/WCDMA 3G/CDMA 3G/TD-SCDMA 3G
- Up to 9 x FE + 1 x ADSL fixed interfaces

Unified Threat Management-USG2160

The USG2160 Unified Security Gateway is a UTM which suited for securing small distributed enterprise locations.

- 200Mbps Firewall performance
- 200K Maximum concurrent sessions
- 3K New sessions/second
- 50Mbps VPN performance
- Firewall, VPN, IPS, Web filtering, Anti-Virus, Anti-Spam, Anti-DDoS, Application Control
- 1 x MIC/1 x DMIC slot
- Support WIFI/WCDMA 3G/CDMA 3G/TD-SCDMA 3G
- 9 x FE fixed interfaces, Up to 2 x GE+17 x FE interfaces







Unified Threat Management-USG2230

The USG2230 Unified Security Gateway is a UTM ideal for securing small to medium distributed enterprise locations.

- 900Mbps Firewall performance
- 1M Maximum concurrent sessions
- · 25K New sessions/second
- 400Mbps VPN performance
- Firewall, VPN, IPS, Web filtering, Anti-Virus, Anti-Spam, Anti-DDoS, Application Control
- 4 x MIC/2 x DMIC + 2 x FIC/1 x DIFC slots
- Support WIFI/WCDMA 3G/CDMA 3G/TD-SCDMA 3G
- 2 x GE combo fixed interfaces, up to 26 x GE + 16 x FE interfaces



Unified Threat Management-USG2260

The USG2260 Unified Security Gateway is a UTM ideal for securing small to medium distributed enterprise locations.

- 2Gbps Firewall performance
- 1.2M Maximum concurrent sessions
- 25K New sessions/second
- 1Gbps VPN performance
- Firewall, VPN, IPS, Web filtering, Anti-Virus, Anti-Spam, Anti-DDoS, Application Control
- 4 x MIC/2 x DMIC + 2 x FIC/1 x DIFC slots
- Support WIFI/WCDMA 3G/CDMA 3G/TD-SCDMA 3G
- 2 x GE combo fixed interfaces, up to 26 x GE + 16 x FE interfaces



Unified Threat Management-USG5120

The USG5120 Unified Security Gateway is a UTM ideal for securing branch distributed enterprise locations.

- 2.5Gbps Firewall performance
- 2M Maximum concurrent sessions
- 60K New sessions/second
- 1Gbps VPN performance
- Firewall, VPN, IPS, Web filtering, Anti-Virus, Anti-Spam, Anti-DDoS, Application Control
- 4 x MIC/2 x DMIC + 2 x FIC/1 x DIFC + 2 x DFIC slots
- Support WIFI/WCDMA 3G/CDMA 3G/TD-SCDMA 3G
- 2 x GE + 2 x GE combo fixed interfaces, up to 68 x GE + 16 x FE interfaces



Unified Threat Management-USG5150

The USG5150 Unified Security Gateway is a UTM ideal for securing regional distributed enterprise locations.

- · 4Gbps Firewall performance
- 3M Maximum concurrent sessions
- 60K New sessions/second
- 2Gbps VPN performance
- Firewall, VPN, IPS, Web filtering, Anti-Virus, Anti-Spam, Anti-DDoS, Application Control
- 4 x MIC/2 x DMIC + 2 x FIC + 4 x DFIC slots
- Support WIFI/WCDMA 3G/CDMA 3G/TD-SCDMA 3G
- 4 x GE combo fixed interfaces, up to 84 x GE + 28 x FE interfaces



Unified Threat Management-USG5530

The USG5530 Unified Security Gateway is a UTM ideal for securing enterprise and service provider.

- Up to 15Gbps Firewall performance
- 4M Maximum concurrent sessions
- · 200K New sessions/second
- 7Gbps VPN performance
- Firewall, VPN, IPS, Web filtering, Anti-Virus, Anti-Spam, Anti-DDoS, Application Control
- 2 x MIC/1 x DMIC + 6 x FIC/4 x DFIC slots
- 4 x GE + 4 x GE combo fixed interfaces, up to 64 x GE + 14 x 10 interfaces



Unified Threat Management-USG5520S

The USG5520S Unified Security Gateway is a UTM ideal for securing regional distributed enterprise locations.

- 6Gbps Firewall performance
- 3M Maximum concurrent sessions
- 150K New sessions/second
- 4Gbps VPN performance
- Firewall, VPN, IPS, Web filtering, Anti-Virus, Anti-Spam, Anti-DDoS, Application Control
- 2 x FIC slots
- $4 \times GE + 4 \times GE$ combo fixed interfaces, up to $24 \times GE + 4 \times 10GE$ interfaces



Unified Threat Management-USG5530S

The USG5530S Unified Security Gateway is a UTM designed for securing regional distributed enterprise locations.

- 10Gbps Firewall performance
- 4M Maximum concurrent sessions
- 150K New sessions/second
- 5Gbps VPN performance
- Firewall, VPN, IPS, Web filtering, Anti-Virus, Anti-Spam, Anti-DDoS, **Application Control**
- 2 x FIC slots
- 4 x GE + 4 x GE combo fixed interfaces, up to 24 x GE + 4 x 10GE interfaces



Unified Threat Management-USG5560

The USG5560 Unified Security Gateway is a UTM designed for securing enterprise and service provider.

- Up to 32Gbps Firewall performance
- 4M Maximum concurrent sessions
- · 200K New sessions/second
- 10Gbps VPN performance
- Firewall, VPN, IPS, Web filtering, Anti-Virus, Anti-Spam, Anti-DDoS, **Application Control**
- 2 x MIC/1 x DMIC + 6 x FIC/4 x DFIC slots
- 12 x GE + 4 x GE combo fixed interfaces, up to 56 x GE + 12 x 10GE interfaces



Intrusion Prevention System-NIP2000&5000

The NIP2000&5000 series are Intrusion Prevention Systems designed for securing mid-size and large enterprise.

- Inspected performance: 800M~6G (According to different flow and
- Inspected Ports: 4GE(RJ45)+4GE(combo) and 2~3 Extension slots (up to $24 \times GE + 6 \times 10GE$)
- Server protection: System and service vulnerability exploits, brute force, SQL injection, and cross site scripting
- Client protection: Protection for web browsers and plugins, protection against web 2.0 threats, file format vulnerability protection in document types(PDF, Word, Flash, and AVI files), defense against operating system vulnerabilities, detection of infected systems, spyware and adware
- Infrastructure protection: L2-L7 DDoS attack prevention, with traffic model self-learning
- Application management: Identification of more than 1200 application protocols



NIP200 0&5000 Serie s

Secure Access Gateway-SVN2000

The SVN2230 is a Secure Access Gateway designed for securing mid-size to large enterprise.

- 5 diverse VPN access modes: SSL , L2TP, IPSec, MPLS, GRE
- 7 mainstream mobile terminals OS: Android, Windows, iOS, Linux, Symbian, Blackberry and MacOS
- 10 Authentication modes: Local password, Cert, SMS, UsbKey, LDAP, AD, Radius, SecurID, terminal ID verification, Image verification
- 64 virtual SSL VPN Gateways
- 1000 concurrent users of SSL VPN
- 6 x GE interfaces



Secure Access Gateway-SVN5000

The SVN5530 is a Secure Access Gateway designed for securing mid-size to large enterprise.

- 5 diverse VPN access modes: SSL, L2TP, IPSec, MPLS, GRE
- 7 mainstream mobile terminals OS: Android, Windows, iOS, Linux, Symbian, Blackberry and MacOS
- 10 Authentication modes: Local password, Cert, SMS, UsbKey, LDAP, AD, Radius, SecurID, terminal ID verification, Image verification.
- 256 virtual SSL VPN Gateways
- 12000 concurrent users of SSL VPN
- Up to 16 x GE interfaces and 2 x10GE interfaces





eCNS600

The eCNS600 is the most minimum LTE core network in the world, it integrates the function of MME, S-GW/P-GW and HSS with one subrack to save CAPEX.

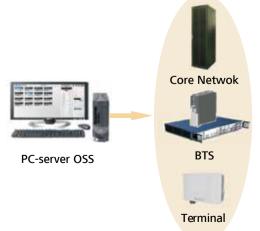
- Proper Capacity for Industry Customers: Maximum 20K subscribers, 500 eNodeB, and 4Gbps throughput
- Smooth Expansion: Stackable Cabinets for capacity expansion
- High Reliability: Board backup, and eCNS redundancy for high reliability, MTBF ≥ 250000hours
- Low Power consumption: <1400W



OSS

Enterprise OSS is a pc-lever server, it can be used to manage all NEs , which make the management more convenient.

- Small Size and Light: 22 ~ 29.03kg
- Network element management and even terminal management
- Network topology Monitor
- Remote operation
- High Reliability: System availability: ≥ 0.9999,
- MTBF: ≥ 114509hours



DBS3900

The DBS3900 LTE features a distributed architecture and consists of two basic function modules: BBU and RRU. It is compact, light, and easy to transport and install to reduce large construction and to save CAPEX.

- Frequency:
 - TDD: 1.4G/1.8G/2.3G/2.5G/2.6G/3.5G/3.6G/3.7G/5.8GHz
 - FDD: 700M/800M/850M/900M/1.0G/ ASW1.7G/1.8G/2.1G/2.6GHz
- Dimensions: BBU 86*42*310mm, RRU 480*270*140mm
- Weight: BBU<12kg, RRU<21kg
- One BBU supports 12 RRUs(FDD)/18RRUs(TDD)

eH811

- Android 4.0 (Ice Cream Sandwich)
- Broadband trunking terminal
- Frequency: TDD 1.8 GHz & Quick frequency customization
- Dual-core 1.5 GHz
- 4.5-inch touch screen
- IP67 protect level
- Explosion proof (Optional)
- Clear Image under Heavy Sunshine
- High Definition camera(800MP)

eA660

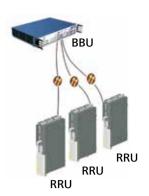
eA660 is a Long Term Evolution (LTE) customer premises equipments (CPE). As wireless gateways, the eA660 can be deployed outdoors to provide services such as data collection and video surveillance.

- Frequency: TDD 1.8GHz/2.3GHz/3.7GHz/5.8GHz
- IP67 protection level & Shock proof
- Explosion proof (Optional)
- Working Temperature:-40~65°C
- · Lighting protection
- Power input :POE
- Power consumption : <21w
- Dimensions: 280 x 250 x 80 mm

eA6100

Huawei eA100 is a Long Term Evolution (LTE) customer premises equipment. As a wireless gateway, the eA100 can be deployed indoors and used with eA660. The eA100 provides wireless access, VoIP, and other Internet services.

- LAN: IEEE 802.3/802.3u
- WLAN: IEEE 802.11b/g/n
- Power Input: 12 V DC
- Power Consumptions:< 21 W
- Weight:< 500 g (without power adapter)
- GPS inside
- Dimensions: 230 x 160 x 40 mm









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