



## Switch controller

### TV-9300 (Specification TV-9348N)



## Description

With a new system architecture design, it can be put online on the network controller (NAC) with zero configuration, just like the thin AP mode, to achieve plug-and-play of the device. The network controller can realize the full-cycle management of the device, including IP configuration, port configuration, VLAN configuration, ACL configuration, QoS configuration, etc., which can meet the networking needs of large networks.

## Features

- \*Supports TCP/IP protocol, standard network cable or optical fiber transmission, the transmission distance of each network cable is up to 100 meters, and each optical fiber line can reach up to 80 kilometers;
- \*It has 48 10/100/1000Base-T Ethernet ports and 4 10G SFP+ optical ports;
- \*Supports hot-swap of network ports and optical fiber cables, and supports dual backup links;
- \*Supports M-LAG virtualization technology, cross-device link bundling networking and non-stop service upgrades, and effectively reduces the risk of fault transmission;
- \*Supports VRRP (Virtual Routing Redundancy Protocol). Multiple devices form a VRRP backup group to achieve multi-level backup of upstream routing;
- \*Supports automatic learning binding of IP-MAC for the first deployment. When IP+MAC does not correspond, the terminal can be added to the blacklist and the terminal traffic can be disconnected.

## Specification

<b>Port configuration</b>	48 10/100/1000Base-T Ethernet ports, 4 10G SFP+ optical ports
<b>Switching capacity</b>	432Gbps
<b>Packet forwarding rate</b>	196Mpps
<b>Console port</b>	1
<b>Working mode</b>	Supports fat and thin integration, supports two working modes: intelligent switching and ordinary switching
<b>MAC</b>	Supports 16K MAC addresses, complies with IEEE 802.1d standard, allows automatic MAC address learning, enables source MAC address filtering, limits the number of interface MAC addresses learned, and configures MAC address aging time.
<b>VLAN</b>	Supports 4K VLANs, VLAN switching, default VLAN, Guest VLAN, etc., and supports Access, Trunk, and Hybrid modes.
<b>Spanning tree</b>	Supports 802.1D (STP), 802.1W (RSTP), 802.1S (MSTP). Supports BPDU protection, root protection, loop protection
<b>Multicast</b>	Supports multicast querier, IGMP v1/v2/v3 Snooping, and policy routing
<b>IP routing</b>	Supports IPv4 static routing. Supports RIPv1/2, OSPF, and other IPv4 dynamic routing protocols, as well as IPv6 static routing.
<b>Port aggregation</b>	Supports manual and static LACP



## Switch controller

### TV-9300 (Specification TV-9348N)

<b>Link aggregation</b>	Supports M-LAG technology, cross-device link aggregation, and paired devices have independent control planes
<b>Working power supply</b>	AC 100V~240V, 50/60Hz, international adaptive power supply
<b>Maximum power consumption of the whole machine</b>	≤ 45w
<b>Ambient temperature</b>	Working temperature: 0°C ~ 45°C ; Storage temperature: -20°C ~ 70°C
<b>Ambient humidity</b>	5%-95%RH, no condensation
<b>Equipment dimension (L*W*H)</b>	440mm * 260mm * 44mm
<b>Weight</b>	4kg