



OVERVIEW

Voltan VTA15 Series is a multi-functional unmanaged full-gigabit PoE switch with large buffer capacity. The product is primarily applied in access layer of CCTV and WLAN. VTA15 Series PoE switches include four models: VTA15-8P1G1S, VTA15-16P2S, VTA15-24P2S, VTA15-24P2S-370, catering to the needs of different scale deployments in multiple industries such as finance, education, hospitality, healthcare, transportation, energy and manufacturing, empowering the establishment of simplified and secured network.

HIGHLIGHTS

Switching Features

- Non-blocking switching architecture, and line-speed forwarding of all ports
- Large buffer design, ensures smooth playback of high-definition videos
- Supports IEEE802.3x full-duplex flow control and Backpressure half-duplex flow control
- Multi-functional DIP modes to meet various networking requirements

Practicability

- Plug and play
- LED indicators to show working status

PoE Features

- Compliant with IEEE802.3af/at standards, with a maximum PoE power of 30W per port
- High-power PoE power supply, supporting full load 802.3af on all ports
- Intelligent standard 48V PoE, negotiating power supply based on terminal type
- Supports short-circuit protection and over current protection

Reliability

- Integrated professional lightning protection circuit, with high-level lightning protection
- Built-in high-quality PoE power supply, ensuring safe and stable PoE output
- Compliant with CE and FCC safety standards

MODELS



VTA15-8P1G1S	VTA15-16P2S
<ul style="list-style-type: none"> · 8-Port Gigabit PoE+ 1-Port Gigabit RJ45 + 1-Port Gigabit SFP 	<ul style="list-style-type: none"> · 16-Port Gigabit PoE+ 2-Port Gigabit SFP
<ul style="list-style-type: none"> · Built-in AC power supply 	<ul style="list-style-type: none"> · Built-in AC power supply
<ul style="list-style-type: none"> · DIP mode: Default - Standard operating mode CCTV – 7 to 8 port extension 	<ul style="list-style-type: none"> · DIP mode: Default - Standard operating mode CCTV – 9 to 16 port extension VLAN – 1 to 16 port isolation
<ul style="list-style-type: none"> · Dimensions (WxDxH): 200x161x44mm 	<ul style="list-style-type: none"> · Dimensions (WxDxH): 440x204x44mm



VTA15-24P2S	VTA15-24P2S-370
· 24-Port Gigabit PoE+ 2-Port Gigabit SFP	· 24-Port Gigabit PoE+ 2-Port Gigabit SFP
· Built-in AC power supply	· Built-in AC power supply
· DIP mode: Default - Standard operating mode CCTV – 17 to 24 port extension VLAN – 1 to 24 port isolation	· DIP mode: Default - Standard operating mode CCTV – 17 to 24 port extension VLAN – 1 to 24 port isolation
· Dimensions (WxDxH): 440x204x44mm	· Dimensions (WxDxH): 440x280x44mm

SPECIFICATIONS	VTA15-8P1G1S	VTA15-16P2S	VTA15-24P2S	VTA15-24P2S-370
Switching capacity	20Gbps	36Gbps	52Gbps	52Gbps
MAC	2K	8K	8K	8K
Buffer size	448Kb	4Mb	4Mb	4Mb
PoE Port	8 Gigabit	16 Gigabit	24 Gigabit	24 Gigabit
Uplink RJ45	1 Gigabit	/	/	/
Uplink SFP	1 Gigabit	2 Gigabit	2 Gigabit	2 Gigabit
Dimensions (mm)	220x161x44	440x204x44	440x204x44	440x280x44
PoE budget	≤110W	≤180W	≤280W	≤370W
PoE standard	802.3af/at, maximum output of 30W per port			
Power supply	Built-in AC: 100~240V, 50/60Hz			
Working mode	VLAN mode, Default mode, CCTV mode			
Environment requirements	Operating temperature/humidity: 0°C-50°C, 10%-90% non-condensing Storage temperature/humidity: -40°C-70°C, 5%-95% non-condensing			
Fan	Fanless			
Lightning protection	4KV			

ORDERING INFORMATION

Part.No	Description
VTA15-8P1G1S	8-Port Gigabit PoE+ 1-Port Gigabit uplink RJ45 + 1-Port Gigabit uplink SFP Unmanaged PoE Switch,DIP function, built-in AC220V power supply; PoE budget 110W, desktop/rack-mounted installation
VTA15-16P2S	16-Port Gigabit PoE+ 2-Port Gigabit uplink SFP Unmanaged PoE Switch, DIP function, built-in AC220V power supply; PoE budget 180W, desktop/rack-mounted installation
VTA15-24P2S	24-Port Gigabit PoE+ 2-Port Gigabit uplink SFP Unmanaged PoE Switch, DIP function, built-in AC220V power supply; PoE budget 280W,rack-mounted installation
VTA15-24P2S-370	24-Port Gigabit PoE+ 2-Port Gigabit uplink SFP Unmanaged PoE Switch, DIP function, built-in AC220V power supply; PoE budget 370W, rack-mounted installation