



OVERVIEW

Voltan VTA12 Series is a multi-functional unmanaged PoE switch with 1000M uplink ports and large buffer capacity. The product is primarily applied in access layer of CCTV and WLAN. Voltan VTA12 Series includes 3 models: VTA12-8P2G, VTA12-16P2G1S, VTA12-24P2G1S 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



VTA12-8P2G	VTA12-16P2G1S	VTA12-24P2G1S
<ul style="list-style-type: none"> • 8-Port 100M PoE+ 2-Port Gigabit RJ45 	<ul style="list-style-type: none"> • 16-Port 100M PoE+ 2-Port Gigabit RJ45 + 1-Port Gigabit SFP 	<ul style="list-style-type: none"> • 24-Port 100M PoE+ 2-Port Gigabit RJ45 + 1-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"> • Built-in AC power supply
<ul style="list-style-type: none"> • DIP mode: Default - Standard operating mode CCTV - 1 to 8 port extension VLAN - 1 to 8 port isolation 	<ul style="list-style-type: none"> • DIP mode: Default - Standard operating mode CCTV - 1 to 16 port extension VLAN - 1 to 16 port isolation 	<ul style="list-style-type: none"> • DIP mode: Default - Standard operating mode CCTV - 9 to 24 port extension VLAN - 1 to 24 port isolation
<ul style="list-style-type: none"> • Dimensions (WxDxH): 200x118x44mm 	<ul style="list-style-type: none"> • Dimensions (WxDxH): 320x207x44mm 	<ul style="list-style-type: none"> • Dimensions (WxDxH): 320x207x44mm

SPECIFICATIONS	VTA12-8P2G	VTA12-16P2G1S	VTA12-24P2G1S
Switching capacity	5.6Gbps	9.2Gbps	10.8Gbps
MAC	2K	2K	2K
Buffer size	448Kb	1.5Mb	1.5Mb
PoE Port	8 100M	16 100M	24 100M
Uplink RJ45	2 Gigabit	2 Gigabit	2 Gigabit
Uplink SFP	/	1 Gigabit	1 Gigabit
Dimensions (mm)	200x118x44	320x207x44	320x207x44
PoE budget	≤90W	≤180W	≤280W
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	6KV		

ORDERING INFORMATION

Part.No	Description
VTA12-8P2G	8-Port 100M PoE+ 2-Port Gigabit RJ45 Unmanaged PoE Switch, DIP function, built-in AC 220V power supply; PoE budget 90W, desktop/rack-mounted installation.
VTA12-16P2G1S	16-Port 100M PoE+ 2-Port Gigabit RJ45 + 1-Port Gigabit SFP Unmanaged PoE Switch, DIP function, built-in AC 220V power supply; PoE budget 180W, rack-mounted installation
VTA12-24P2G1S	24-Port 100M PoE+ 2-Port Gigabit RJ45 + 1-Port Gigabit SFP Unmanaged PoE Switch, DIP function, built-in AC 220V power supply; PoE budget 280W, rack-mounted installation.