

C60-V2 series

Indoor L2 PRO PoE Switches



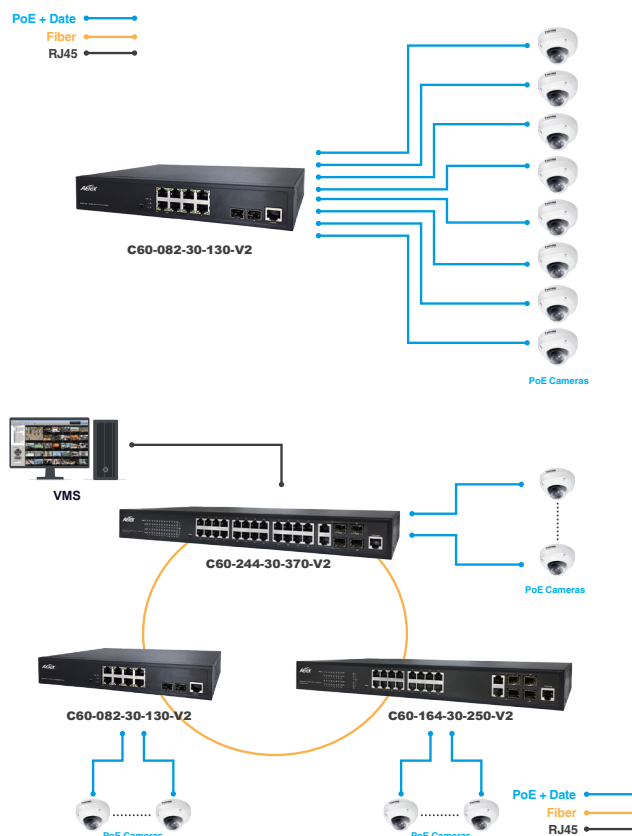
The C60-V2 series from AETEK offers a broad range of NTS L2 **Managed PoE Switches**, equipped with multi-port Gigabit PoE (10M/100M/1G) and SFP transceiver (100M/1G) slots for flexible link. The C60-V2 series has three sub-models including 8 ports, 16 ports, and 24 ports complying with IEEE 802.3af/at standards with sufficient PoE power budget for any application.

Besides a NTS L2 Managed PoE switch, C60-V2 series is also an IP camera controller specially designed for easy overview & management of IP cameras complying with ONVIF, even if installers is not familiar with advanced software of NTS L2 Managed PoE switch. A centralized Web GUI (Graphic User Interface) makes it easy to find cameras and generate topology automatically once ONVIF IP cameras are connected to C60-V2 series. Meanwhile, installers can easily catch comprehensive individual camera information including camera list, IP/MAC address, topology, power consumption, and traffic monitoring thru web browser.

Features

- Layer 2 Switch
 - 802.1d (STP), 802.1w (RSTP), 802.1s (MSTP)
 - Loop protection
 - SNMP v1/v2c/v3
 - QoS
 - VLAN
 - Ethernet cable length measurement
 - DHCP Server
- Network Topology System
 - Automatic discovery for ONVIF camera
 - Generates camera topology map automatically
 - Cable diagnostic & reboot camera remotely
 - PoE management
 - Topology view / Floor view / Google map
 - Monitor / Configure / Manage ONVIF camera thru web
- Flexible SFP transceiver ports for uplink
- 15.4W/30W per port IEEE802.3af/at compliant
- Supports 10/100/1000Mbps data rates
- Support Auto-MDI/MDIX
- Built-in 6KV surge protection for each PoE port
- IEEE 802.3az Energy Efficient Ethernet standard for green power
- 19" Rackmount installation

Applications



Showing 1 to 10 of 29 entries Previous 1 2 3 Next

Floor Map View

Device Dashboard

Device Type

PoE Switches

Device Name

H60-4p-90 @ 73 name

Model Name

H60-044-90-250

MAC Address

00:E0:4C:51:04:0A

IP Address

192.168.10.73

Http Port

80

PoE Supply

0 W

API Account

admin73

API Password

passwd73

Close

Apply

Login

Upgrade

PoE Config

Diagnostics

Dashboard

Notification

9

2

15

3

1

1

AETEK C60-164-30-250

C60-16p @ 204 name

192.168.10.204

68:8D:B6:00:CC:00

2

Avigilon 8.0-H4A-B2

8.0-H4A-B2(1361590)

192.168.10.120

00:18:85:14:C6:B6

3

Avigilon 12.0-H4F-DO1-IR

12.0-H4F-DO1-IR(110140)

192.168.10.153

00:1F:92:01:AE:3C

4

AETEK H60-084-30-250

H60-8p @ 203 name

192.168.10.203

68:8D:B6:00:CB:00

5

AETEK H60-084-30-250

H60-8p @ 209 name

192.168.10.209

68:8D:B6:00:D1:00

6

AETEK M6000-AIW

M6000-AIW

192.168.10.165

68:8D:B6:01:E1:B1

Draggable:ONE

Google Map View

Map View

Search Box

Device Dashboard

Device Type

PoE Switches

Device Name

H60-8p @ 203 name

Model Name

H60-084-30-250

MAC Address

68:8D:B6:00:CB:00

IP Address

192.168.10.203

Http Port

80

PoE Supply

2.54 W

API Account

admin203

API Password

passwd203

Close

Apply

Upgrade

PoE Config

Dashboard

Notification

2

3

6

1

AETEK C60-164-30-250

C60-16p @ 204 name

192.168.10.204

68:8D:B6:00:CC:00

2

Avigilon 8.0-H4A-B2

8.0-H4A-B2(1361590)

192.168.10.120

00:18:85:14:C6:B6

3

Avigilon 12.0-H4F-DO1-IR

12.0-H4F-DO1-IR(110140)

192.168.10.153

00:1F:92:01:AE:3C

4

AETEK H60-084-30-250

H60-8p @ 203 name

192.168.10.203

68:8D:B6:00:CB:00

5

AETEK H60-084-30-250

H60-8p @ 209 name

192.168.10.209

68:8D:B6:00:D1:00

6

AETEK M6000-AIW

M6000-AIW

192.168.10.165

68:8D:B6:01:E1:B1

Draggable:ONE

Animation:OFF

Cable Diagnostics

+

-

8.0-H4A-B2(1361590)

Avigilon 8.0-H4A-B2

00:18:85:14:C6:B6

192.168.10.120

Port 8

PoE Used 5.18 W

12.0-H4F-DO1-IR

Avigilon 12.0-H4F-DO1-IR

00:1F:92:01:AE:3C

192.168.10.153

Port 10

PoE Used 5.06 W

H60-8p @ 203 name

H60-084-30-250

68:8D:B6:00:CB:00

192.168.10.203

Port from P(1) to P(5)

PoE Supply 2.54 W

C60-16p @ 204 name

C60-164-30-250

68:8D:B6:00:CC:00

192.168.10.204

PoE Supply 10.24 W

Diagnostics

Device Type

IP Cameras

Device Name

12.0-H4F-DO1-IR(110140)

Model Name

12.0-H4F-DO1-IR

MAC Address

00:1F:92:01:AE:3C

IP Address

192.168.10.153

Icon

Diagnostics

1

AETEK C60-164-30-250

C60-16p @ 204 name

192.168.10.204

68:8D:B6:00:CC:00

Port: 10

Connection: ok

Speed: 100M

Cable Status: ok

3

Avigilon 12.0-H4F-DO1-IR

12.0-H4F-DO1-IR(110140)

192.168.10.153

00:1F:92:01:AE:3C

Back

FC2264

Unknown name

ASUS/Tea Unkn

04:C4:C4:2C:B

192.168.10.1

Port 3

Unknown name

EliteGroup Unkn

04:C6:91:5F:5E

192.168.10.190

Port 3

Unknown name

Unknown mode

AD:A8:CD:26:F

192.168.10.192

Port 3

H60-4p-90 @ 71 name

H60-044-90-250

00:08:8D:8B:51:04

192.168.10.71

Port from P(1) to P(8)

PoE Supply 3.30 W

Device type filter > Show All

Update: 2021/09/29 17:40:48 OK. 0.7s

1

AETEK C60-164-30-250

C60-16p @ 204 name

192.168.10.204

68:8D:B6:00:CC:00

2

Avigilon 8.0-H4A-B2

8.0-H4A-B2(1361590)

192.168.10.120

00:18:85:14:C6:B6

3

Avigilon 12.0-H4F-DO1-IR

12.0-H4F-DO1-IR(110140)

192.168.10.153

00:1F:92:01:AE:3C

4

AETEK H60-084-30-250

H60-8p @ 203 name

192.168.10.203

68:8D:B6:00:CB:00

5

AETEK H60-084-30-250

H60-8p @ 209 name

192.168.10.209

68:8D:B6:00:D1:00

6

AETEK M6000-AIW

M6000-AIW

192.168.10.165

68:8D:B6:01:E1:B1

7

Sony SNC-VB635

Port 3

Technical Specifications - Software

IP Surveillance Graphical User Interface Specifications	
Auto Discovery	Discover IP cameras complying ONVIF automatically
Topology View	Generate Topology maps to manage IP cameras
Traffic Monitor	Comprehensive chart to show traffic status
Cable Diagnostic	Real time to verify the cable status
PoE Management	Reboot IP camera, alive checking, PoE configuration, PoE status, Link status
PoE Management	
Port Configuration	Supports per port PoE configuration function
PoE Scheduling	Supports per port PoE scheduling to turn on/off the PoE devices (PDs).
Auto-checking	Check the link status of PDs. Reboot PDs if there is no responses
Power Delay	The switch provides power to the PDs based on delay time when PoE switch boots up, in order to protect switch from misuse of the PDs.
Layer 2 Switching Specifications	
Spanning Tree Protocol (STP)	MAC Bridges Standard Spanning Tree 802.1d, Rapid Spanning Tree (RSTP) 802.1w, Multiple Spanning Tree (MSTP) 802.1s
IP/Mac Port Trunking	Link Aggregation Control Protocol (LACP) IEEE 802.3ad , Static aggregation.
VLAN	Supports up to 4K VLANs simultaneously (out of 4096 VLAN IDs), Port-based VLAN, 802.1Q tag-based VLAN
IGMP v1/v2 Snooping	IGMP limits bandwidth-intensive multicast traffic to only the requesters.
Layer 3 Switching Specifications	
DHCP Server	Assign IP to DHCP clients
Security	
Port Security	Locks MAC addresses to ports, and limits the number of learned MAC address
Storm Control	Prevents traffic on a LAN from being disrupted by a broadcast, multicast, or unicast storm on a port
Loop Protection	To prevent unknown unicast, broadcast and multicast loops in Layer 2 switching configurations.
QoS	
Classification	Port based, 802.1p VLAN priority based
Bandwidth Control	Ingress policer, Egress shaping and rate control, Per port
Management software	
Port Mirroring	Traffic on a port can be mirrored to another port for analysis with a network analyzer or RMON probe. Up to N-1 (N is Switch's Ports) ports can be mirrored to single destination port. A single session is supported.
IEEE 802.1ab (LLDP)	Used by network devices for advertising their identities, capabilities, and neighbors on an IEEE 802ab local area network, Support LLDP-MED extensions
Web GUI Interface	Built-in switch configuration utility for browser-based device configuration
SNMP	SNMP version1, 2c, 3
Flow Control	The IEEE 802.3x standard for monitoring high speed switched networks. It gives complete visibility into the use of networks enabling performance optimization, accounting/billing for usage, and defense against security threats
Firmware Upgrade	Web browser upgrade HTTP and TFTP
NTP	Network Time Protocol (NTP) is a networking protocol for clock synchronization between computer systems over packet-switched
Other Management	System, HTTP, HTTPS, DHCP Client, Cable Diagnostics, Syslog, IPV4/IPV6 Management

Technical Specifications-Hardware

	C60-082-30-130-V2	C60-164-30-250-V2	C60-244-30-370-V2
Network Specifications			
Total Gigabit Ports	10	20	28
Gigabit PoE Port (10M / 100M / 1G) IEEE 802.3 10BaseT IEEE 802.3u 100BaseTX IEEE 803.3ab 1000BaseTX	8 x 30W PoE	16 x 30W PoE	24 x 30W PoE
SFP Slots (100M/1G)	2	2	2
Gigabit Combo RJ45/SFP Port	-	2	2
Auto MDI / MDIX	v	v	v
1Gbps Full Duplex 100Mbps Full / Half Duplex 10Mbps Full / Half Duplex	v	v	v
Forwarding Capacity	14.88Mpps	26.784Mbps	38.688Mpps
Mac Table	8 k	8 k	8k
Jumbo Frames	9,216 Bytes	9,216 Bytes	9,216 Bytes
Switching Capacity	20 Gbps	40 Gbps	56 Gbps
Power Specifications			
Input Voltage	100VAC ~ 240VAC	100VAC ~ 240VAC	100VAC ~ 240VAC
Output Voltage Range / per PoE Port	54 VDC PoE IEEE 802.3af (Max. 15.4W) output PoE+ IEEE802.3at (Max. 30W) output	54 VDC PoE IEEE 802.3af (Max. 15.4W) output PoE+ IEEE802.3at (Max. 30W) output	54 VDC PoE IEEE 802.3af (Max. 15.4W) output PoE+ IEEE802.3at (Max. 30W) output
PSE Power Pin Assignment	12(+),36(-)	12(+),36(-)	12(+),36(-)
Switch power consumption (without PoE)	10W	10W	10W
Power Budget	130W	250W	370W
Surge Protection / each PoE Port	6KV	6KV	6kV
Mechanical Specifications			
Dimensions (L x W x H)	270 x 180 x 44 mm	440 x 200 x 44 mm	440 x 200 x 44 mm
Weight	1.95KG	3KG	3.1KG
Environmental Specifications			
Operating Temperature	0°C ~ 50°C (32°F ~ 122°F)	0°C ~ 50°C (32°F ~ 122°F)	0°C ~ 50°C (32°F ~ 122°F)
Storage Temperature	-20°C ~ 70°C (-4°F ~ 158°F)	-20°C ~ 70°C (-4°F ~ 158°F)	-20°C ~ 70°C (-4°F ~ 158°F)
Operating Humidity	10% to 90% non-condensing	10% to 90% non-condensing	10% to 90% non-condensing
Certifications			
EMC	CE, FCC, VCCI, C-Tick Class A	CE, FCC, VCCI, C-Tick Class A	CE, FCC, VCCI, C-Tick Class A
Safety	EN62368-1	EN62368-1	EN62368-1
Surge	IEC-61000-4-5	IEC-61000-4-5	IEC-61000-4-5

Ordering Information

PoE Switches					
	C60-082-30-130-V2 8xGbE PoE+2xGbE SFP 100~240VAC		C60-164-30-250-V2 16xGbE PoE+2xGbE Combo RJ45/SFP +2xGbE SFP 100~240VAC		C60-244-30-370-V2 24xGbE PoE+2xGbE Combo RJ45/SFP +2xGbE SFP 100~240VAC

Optional Accessories

SFP Modules			
			
SFP-SX-X5 Gigabit SFP Transceiver - MMF 0.5 km 0°C ~70°C	SFP-SX-02 Gigabit SFP Transceiver - MMF 2 km 0°C ~70°C	SFP-LX-10 Gigabit SFP Transceiver - SMF 10 km 0°C ~70°C	SFP-LX-40 Gigabit SFP Transceiver - SMF 40 km 0°C ~70°C