

# C70-00F-02

## L2 PRO Plus Managed Switch



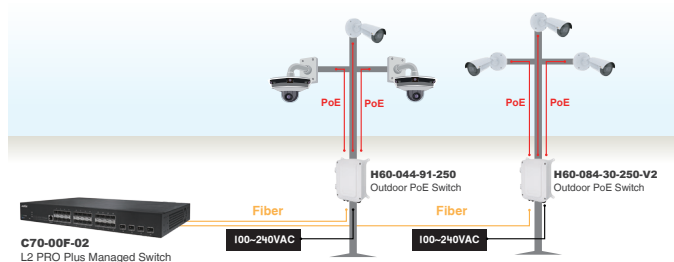
The C70-00F-02 of **L2 PRO Plus Managed Switch**, designed as a root switch to manage outdoor H60 series or industrial D60/D62 series or indoor C60 series PoE Switch, enable them to the IP surveillance network.

The C70-00F-02 provides 24-port Gigabit SFP transceiver slots for flexible link. with 4-port 10G Uplink. The C70-00F-02 keeps L2 plus & basic L3 switch functions such as static route, QoS, security, spanning tree, and SNMP v1/v2c/v3. Besides a L2 PRO Plus Managed switch, C70-00F-02 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 L2 PRO Plus Managed 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 C70-00F-02. 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
  - IPV4 and IPV6 protocol
  - IPV4 and IPV6 static route
  - 802.1d (STP), 802.1w (RSTP), 802.1s (MSTP)
  - SNMP v1/v2c/v3
  - Ethernet cable length measurement
  - DHCP Server
- IP Surveillance Controller
  - Automatically discovery for ONVIF camera
  - Generate camera topology automatically
  - Graphic grouping VLAN
  - Cable diagnostic
  - Topology view/Floor view/Google map
  - Monitor/Configure/Manage ONVIF camera remotely
- Flexible SFP transceiver ports for downlink
- Support 10G SFP+ ports for uplink
- IEEE 802.3az Energy Efficient Ethernet standard for green power

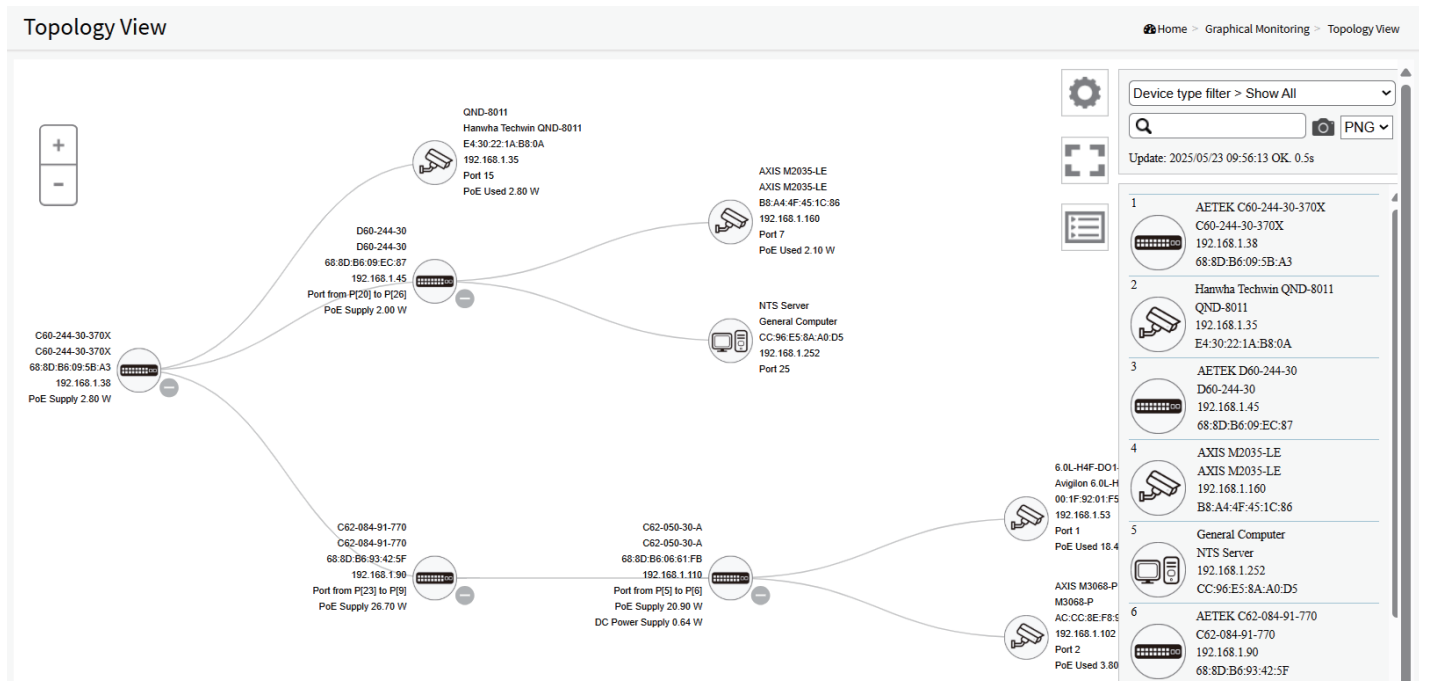
### Applications



## Device List

Status	Device Type	Model Name	Device Name	MAC	IP Address
Online	PoE Switches	C62-084-91-770	C62-084-91-770	68:8D:B6:93:42:5F	192.168.1.90
Online	PoE Switches	D62-040-30	D62-040-30	68:8D:B6:65:43:21	192.168.1.63
Offline	IP Cameras	QND-8011	QND-8011	E4:30:22:1A:B8:0A	192.168.1.35
Online	PoE Switches	C62-050-30-A	C62-050-30-A	68:8D:B6:06:61:FB	192.168.1.110
Online	IP Cameras	6.0L-H4F-DO1-IR	6.0L-H4F-DO1-IR(128404)	00:1F:92:01:F5:94	192.168.1.53
Online	IP Cameras	M3068-P	AXIS M3068-P	AC:CC:8E:F8:97:47	192.168.1.102
Online	PoE Switches	C60-244-30-370X	C60-244-30-370X	68:8D:B6:09:5B:A3	192.168.1.38
Online	PoE Switches	D60-244-30	D60-244-30	68:8D:B6:09:EC:87	192.168.1.45
Online	IP Cameras	M2035-LE	AXIS M2035-LE	B8:A4:4F:45:1C:86	192.168.1.160
Online	Modular Surge Protectors	SD-504	SD-504	68:8D:B6:00:00:10	169.254.82.68

## Topology View



## Device Dashboard

The device dashboard for the selected IP camera (AXIS M2035-LE) provides a comprehensive overview of its configuration and status. The main panel lists key information such as the device name, model name, MAC address, IP address, HTTP port, PoE usage, WAN address, and WAN port. Below this information are three primary control buttons: Login, Diagnostics, and PoE Reboot. At the bottom, there are icons for Dashboard, Notification, and Monitor. The background shows the network topology with the selected device highlighted in red.

# Floor Map View

Floor View Home > Graphical Monitoring > Floor View

Device type filter > Show All

Update: 2025/05/23 09:47:40 OK. 1.1s

- AETEK C62-084-91-770  
C62-084-91-770  
192.168.1.90  
68:8D:B6:93:42:5F
- AETEK D62-040-30  
D62-040-30  
192.168.1.63  
68:8D:B6:65:43:21
- AETEK C62-050-30-A  
C62-050-30-A  
192.168.1.110  
68:8D:B6:06:61:EB
- Avigilon 6.0L-H4F-DO1-IR  
6.0L-H4F-DO1-IR(128404)  
192.168.1.53  
00:1F:92:01:F5:94
- M3068-P  
AXIS M3068-P  
192.168.1.102  
AC:CC:8E:F8:97:47
- AETEK C60-244-30-370X  
C60-244-30-370X  
192.168.1.38  
68:8D:B6:09:5B:A3

Draggable: OFF

**Diagnostics**

Device Type: PoE Switches

Device Name: C60-244-30-370X

Model Name: C60-244-30-370X

MAC Address: 68:8D:B6:09:5B:A3

IP Address: 192.168.1.38

PoE Supply: 2.8 W

Icon Diagnostic

1 AETEK C62-084-91-770  
C62-084-91-770  
192.168.1.90  
68:8D:B6:93:42:5F  
Port: 9 ✓ Connection ok  
Speed: 1G ✓ Cable Status ok  
6.00(m)

6 AETEK C60-244-30-370X  
C60-244-30-370X  
192.168.1.38  
68:8D:B6:09:5B:A3

← Back

# Google Map View

Map View Home > Graphical Monitoring > Map View

Device type filter > Show All

Update: 2021/09/29 17:48:45 OK. 1.4s

- AETEK C60-164-30-250  
C60-16p @ 204 name  
192.168.10.204  
68:8D:B6:00:CC:00
- Avigilon 8.0-H4A-B2  
8.0-H4A-B2(1361590)  
192.168.10.120  
00:18:85:14:C6:B6
- Avigilon 12.0-H4F-DO1-IR  
12.0-H4F-DO1-IR(110140)  
192.168.10.153  
00:1F:92:01:AE:3C
- AETEK H60-084-30-250  
H60-8p @ 203 name  
192.168.10.203  
68:8D:B6:00:CB:00
- AETEK H60-084-30-250  
H60-8p @ 209 name  
192.168.10.209  
68:8D:B6:00:D1:00
- AETEK M6000-AIW  
M6000-AIW  
192.168.10.165

Draggable: ONE Animation: OFF

**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: 2.34 W

API Account: admin203

API Password: passwd203

Close Apply

Upgrade PoE Config

Dashboard Notification

# Cable Diagnostics

Topology View Home > Graphical Monitoring > Topology View

Device type filter > Show All

Update: 2025/05/23 10:09:58 OK. 0.8s

- AETEK C60-244-30-370X  
C60-244-30-370X  
192.168.1.38  
68:8D:B6:09:5B:A3
- Hamwa Technwin QND-8011  
QND-8011  
192.168.1.35  
E4:30:22:1A:B8:0A
- AETEK D60-244-30  
D60-244-30  
192.168.1.45  
68:8D:B6:09:EC:87
- AXIS M2035-LE  
AXIS M2035-LE  
192.168.1.160  
B8:A4:4F:45:1C:86
- General Computer  
NTS Server  
192.168.1.252  
CC:96:E5:8A:A0:D5
- AETEK C62-084-91-770  
C62-084-91-770  
192.168.1.90  
68:8D:B6:93:42:5F

**Diagnostics**

Device Type: IP Cameras

Device Name: AXIS M2035-LE

Model Name: M2035-LE

MAC Address: B8:A4:4F:45:1C:86

IP Address: 192.168.1.160

Icon Diagnostic

1 AETEK C60-244-30-370X  
C60-244-30-370X  
192.168.1.38  
68:8D:B6:09:5B:A3  
Port: 20 ✓ Connection ok  
Speed: 1G ✓ Cable Status ok  
0.00(m)

3 AETEK D60-244-30  
D60-244-30  
192.168.1.45  
68:8D:B6:09:EC:87  
Port: 7 ✓ Connection ok  
Speed: 100M ✓ Cable Status ok  
0.00(m)

4 AXIS M2035-LE  
AXIS M2035-LE  
192.168.1.160

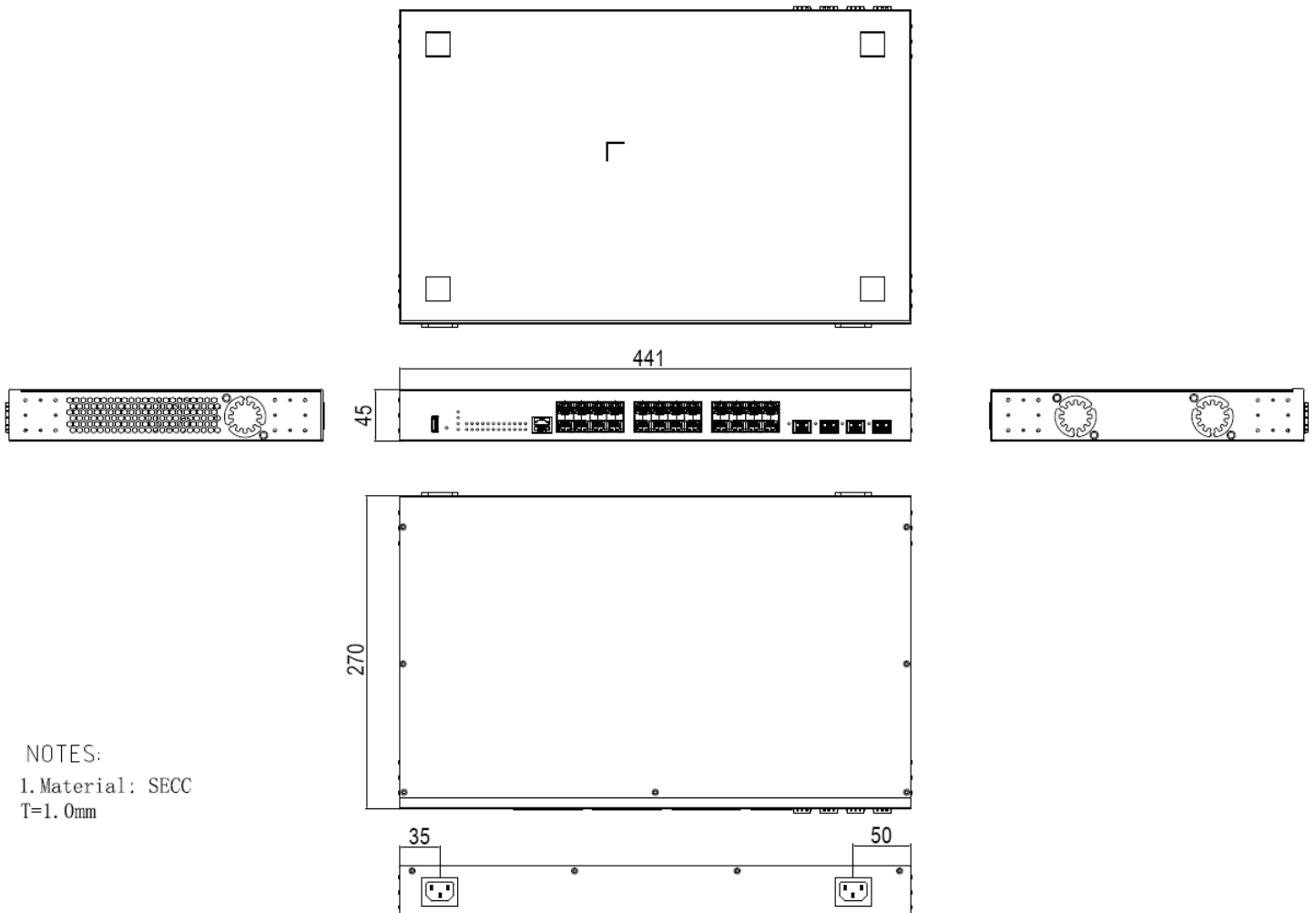
## Technical Specifications - Software

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
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	
IPv4 Static Routing	IPv4 Unicast: Static routing
IPv6 Static Routing	IPv6 Unicast: Static routing
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. 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
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, Syslog, IPV4/IPV6 Management

## Technical Specifications - Hardware

C70-00F-02	
<b>Port Configuration</b>	
100M/1G SFP Port	24
10G SFP+ Port	4
Console Port	RJ45
Total Ports	28
<b>HW Performance</b>	
Switching Bandwidth	128Gbps
Forwarding Performance	95.232Mpps
MAC Address	32K
Jumbo Frames	12 KBytes
<b>Environmental Specification</b>	
Operating Temperature	0°C to 50°C (32°F~122°F)
Operating Humidity	10 to 95% RH
Storage Temperature	-20°C to 70°C (-4°F ~ 158°F)
<b>Mechanical Specification</b>	
Dimensions (D) x (W) x (H) mm	441 x 270 x 44 mm
Weight	3.5 KG
FAN	3
<b>Power Source</b>	
AC Input	Dual 100V-240V AC Input Redundant Power
<b>Certifications</b>	
Certifications	CE/FCC

## Dimension



### NOTES:

1. Material: SECC  
T=1.0mm

## 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



**SFP-TX-X1**  
Gigabit SFP Transceiver

- RJ45
- 100m
- 0°C ~70°C

### SFP+ Transceiver



**SFPP-SR-X3**  
10G SFP+ Transceiver

- MMF
- 0.3 km
- 0°C ~70°C



**SFPP-LR-10**  
10G SFP+ Transceiver

- SMF
- 10 km
- 0°C ~70°C



**SFPP-ER-40**  
10G SFP+ Transceiver

- SMF
- 40 km
- 0°C ~70°C



**SFPP-ZR-80**  
10G SFP+ Transceiver

- SMF
- 80 km
- 0°C ~70°C



**SFPP-TX-X03**  
10G SFP+ Transceiver

- RJ45
- 30 m
- 0°C ~70°C