



Integrate AETEK PoE Solutions with Milestone XProtect

AETEK MIPI plugin is specifically designed for seamless integration with Milestone XProtect Video Management Software (VMS). This integration enhances the XProtect Smart Client, allowing users to efficiently manage *AETEK L2 PRO PoE Switch*, *IP PoE Surge Protector*, *Smart Camera Housing*, and more managed devices within a unified interface, simplifying network health monitoring and enhancing security operations.

The latest update brings advanced functionality to improve security and network management across various video endpoints and respective IP-based networks, delivering an optimized, efficient management experience.

Features



Network scanning across multiple subnets



Instant alarm notifications for real-time response



Remote troubleshooting with PoE Reboot and Diagnostics



Single pane management through Milestone XProtect

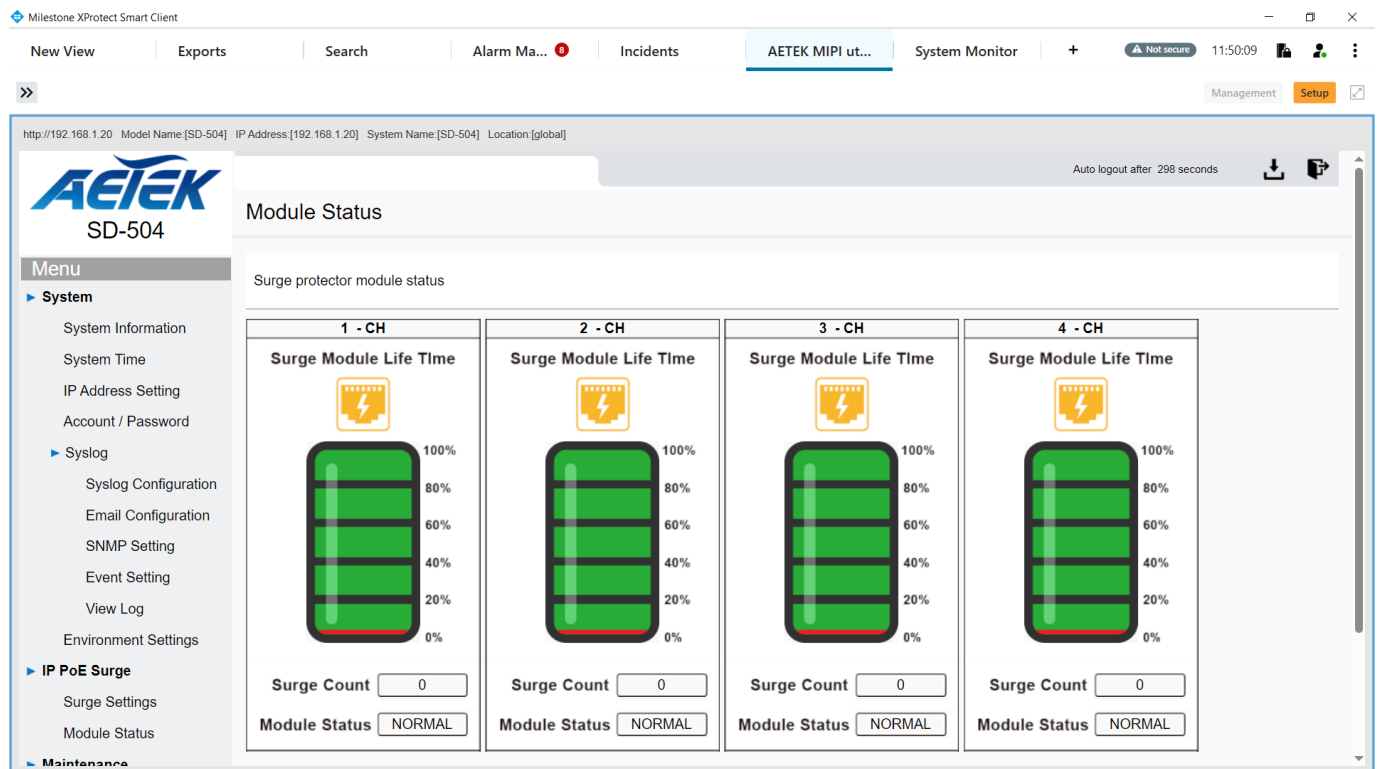


AETEK NTS (Network Topology Systems)– Milestone XProtect Smart Client Plug-ins

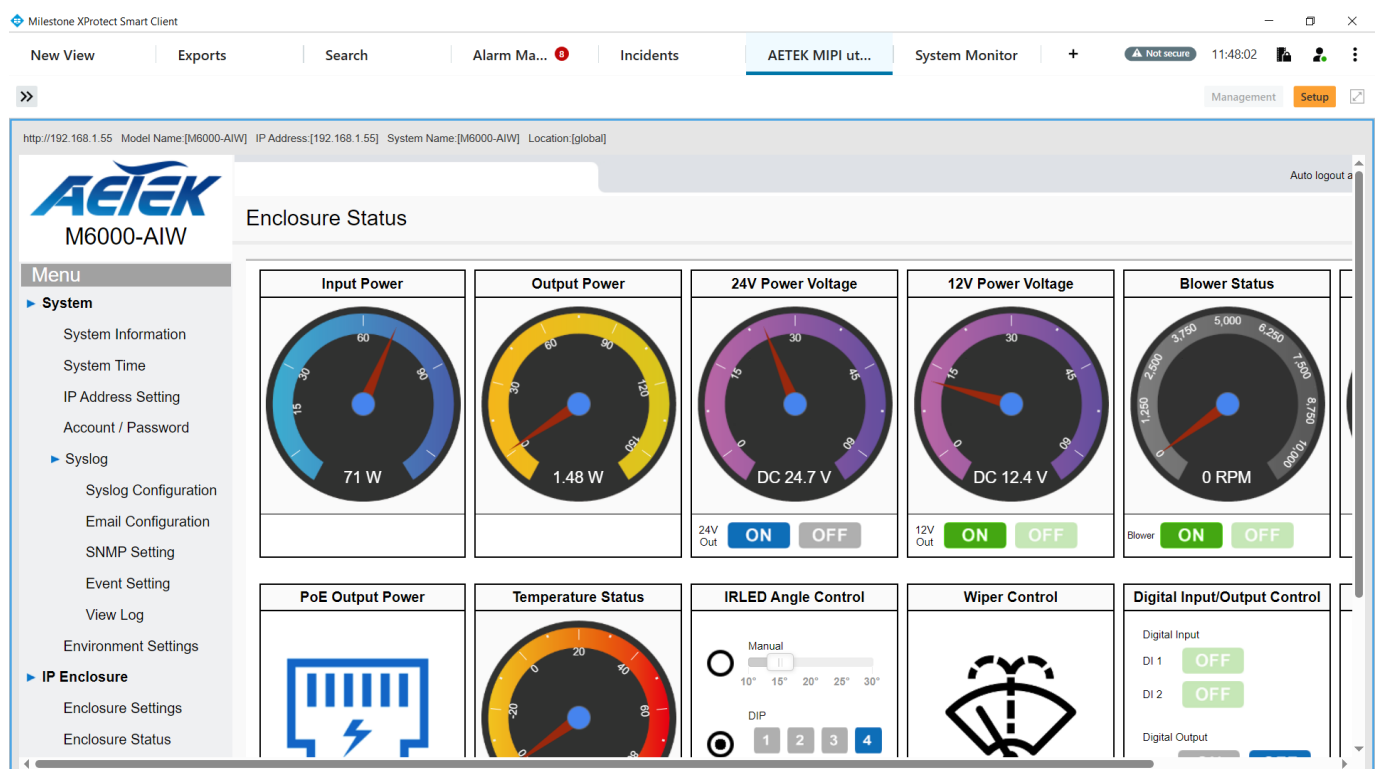
Available on AETEK L2 PRO Switch

The screenshot displays the Milestone XProtect Smart Client interface. The top navigation bar includes tabs for New View, Exports, Search, Alarm Ma..., Incidents, AETEK MIPI ut..., System Monitor, and a Not secure status. The main window is titled 'XProtect' and shows the 'AETEK MIPI utility' on the left sidebar. The utility includes a Search bar, SNMP Community Setting, Tree View, and a list of devices. The main area displays the 'Topology View' for the device 'C62-044-91-380'. The topology view shows a central switch connected to several endpoints, including cameras and a PC. The right sidebar lists the connected devices with their details, such as IP address, MAC address, and PoE status.

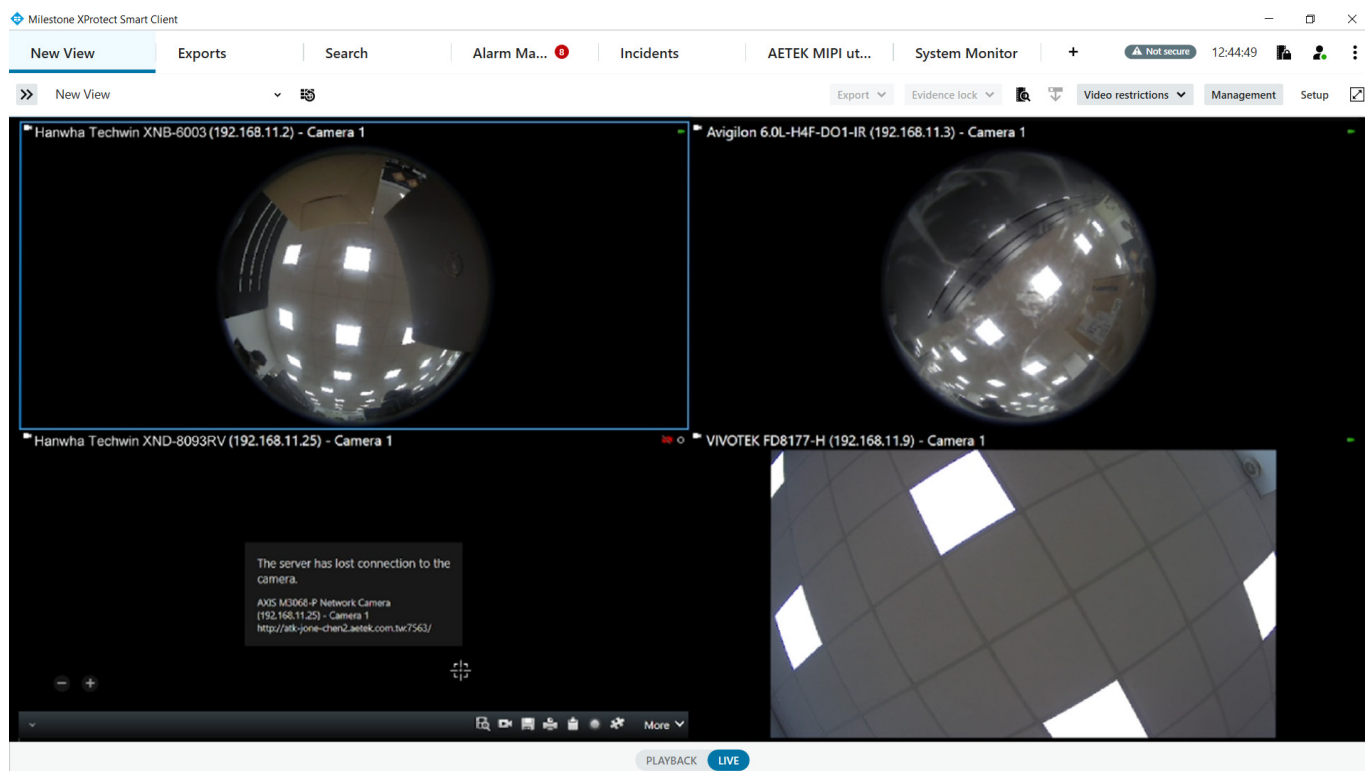
Modular IP PoE Surge Protector



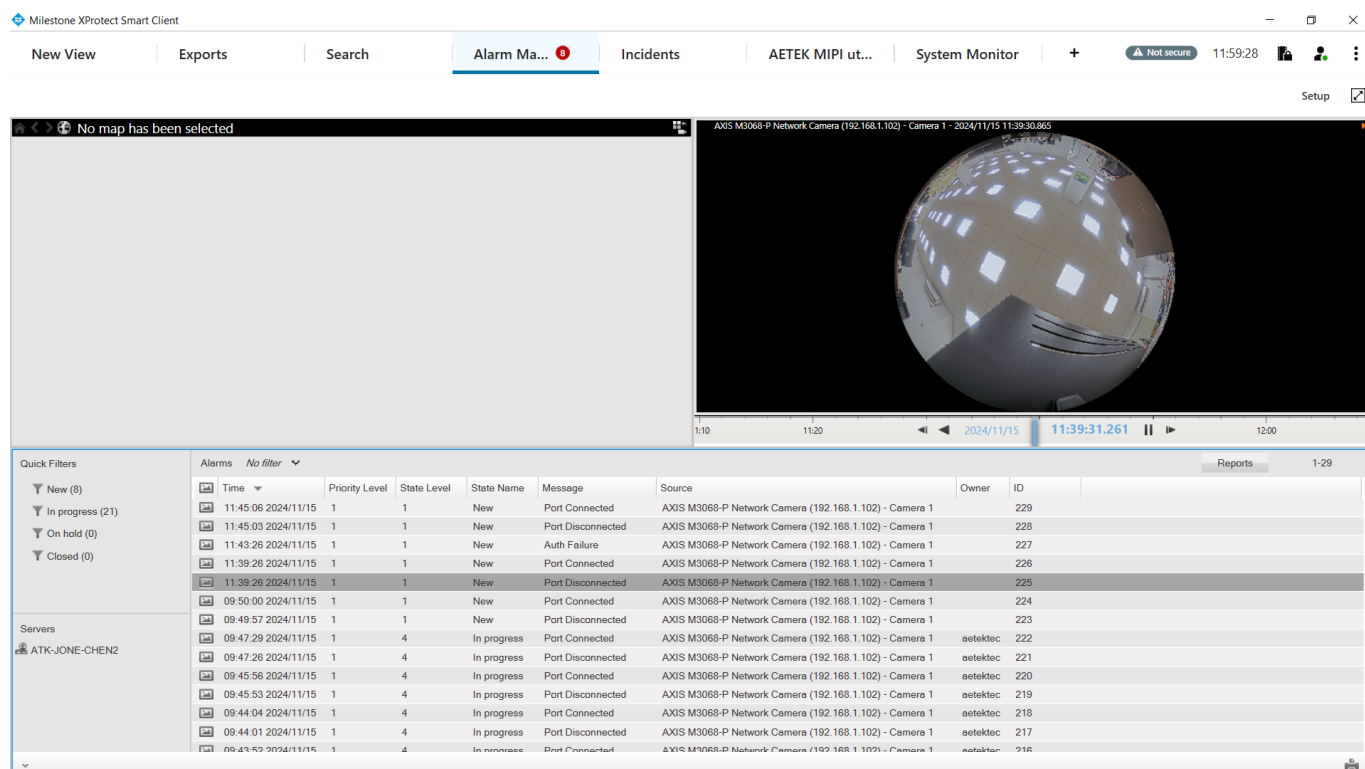
Smart Camera Housing (Enclosure)



Scenario: Video loss on any channel of Milestone XProtect



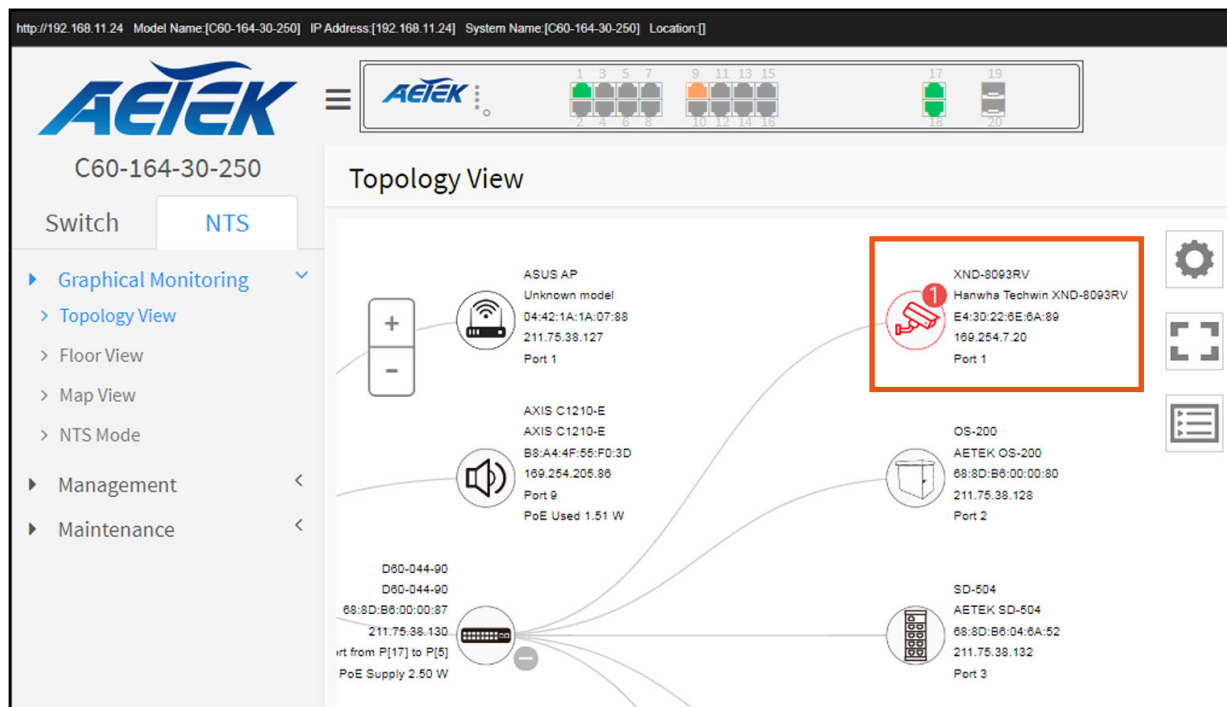
Alarm notification in XProtect Alarm Manager



STEP 1: Verify which component/device is out of order or disconnected.

On NTS, the failed device will be highlighted in red; thus, administrators can gain instant information on which following components are failed.

➤ Camera connection loss



STEP 2: Reboot PoE & Diagnostics via respective dashboard

- Camera Dashboard

Device Dashboard	
Device Type	IP Cameras
Device Name	XND-8093RV
Model Name	XND-8093RV
MAC Address	E4:30:22:6E:6A:89
IP Address	169.254.7.20
Http Port	80
PoE Used	11.4 W
WAN Address	
WAN Port	
✕ Close ✓ Apply	
Login Diagnostics PoE Reboot	
Dashboard Notification Monitor	

➤ Camera: PoE Reboot

- Do PoE Reboot first to see if the camera can be powered up again.

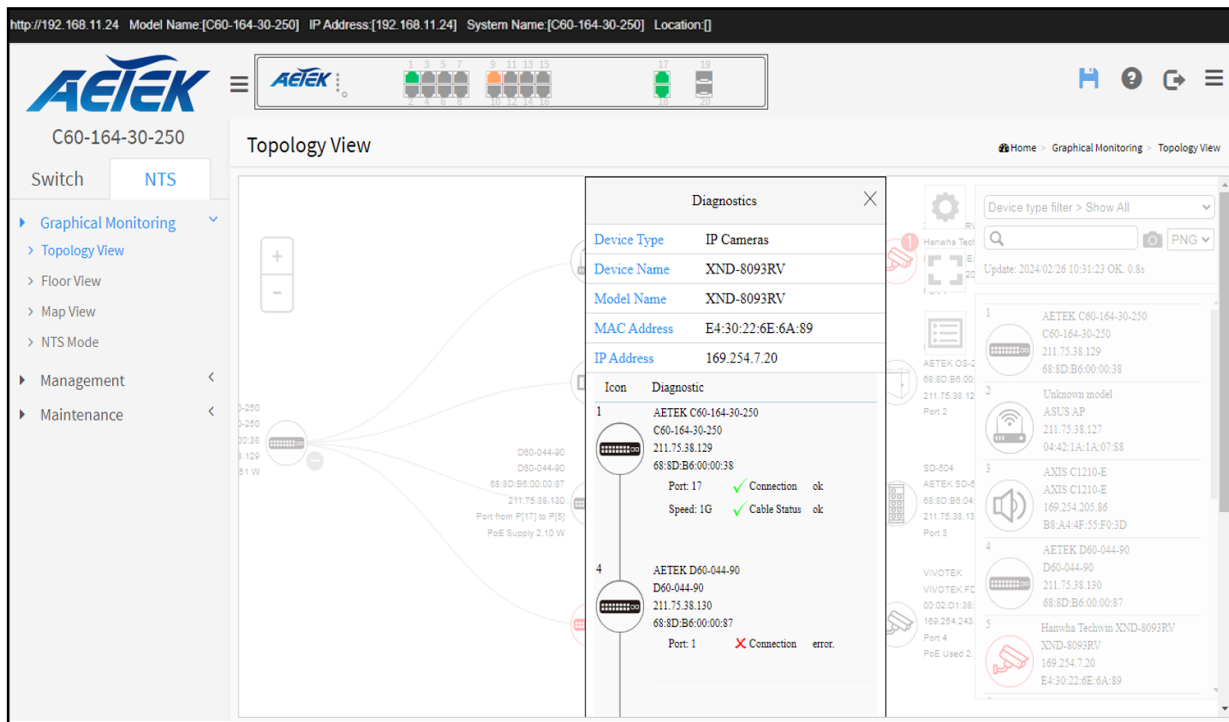
The screenshot shows the AETEK NTS web interface. The top bar displays the URL `http://192.168.11.24`, Model Name [C60-164-30-250], IP Address [192.168.11.24], System Name [C60-164-30-250], and Location []. The left sidebar shows the navigation menu with options like Graphical Monitoring, Topology View, Floor View, Map View, NTS Mode, Management, and Maintenance. The main area is titled 'Topology View' and shows a network diagram with various devices connected. A 'Device Dashboard' window is open, displaying details for an IP Camera (XND-8093RV). The dashboard includes fields for Device Name, Model Name, MAC Address, IP Address, Http Port, PoE Used, WAN Address, and WAN Port. Below these fields are buttons for Login, Diagnostics, PoE Reboot, and Remove. The right sidebar shows a list of devices connected to the system, including AETEK C60-164-30-250, Unknown model, ASUS AP, AXIS C1210-E, and AETEK D60-044-90.

Remote Troubleshooting

➤ Camera: Diagnostics

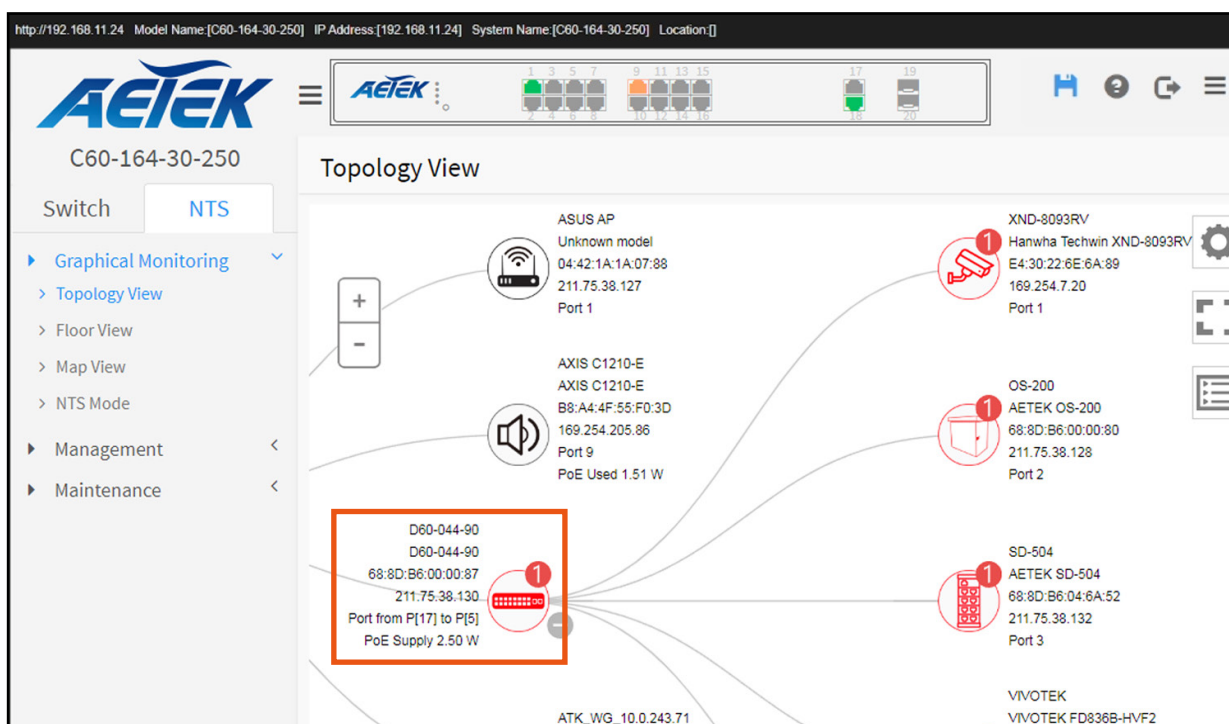
- If the video stream can't get back, do Diagnostics to check the connection & cable status to verify which segment of the deployment is failed and then send the repair/ maintenance team onsite to fix the cable issue.

This screenshot is similar to the one above, showing the AETEK NTS web interface. The 'Device Dashboard' window is open for the same IP Camera (XND-8093RV). In this view, the 'Diagnostics' button is highlighted with a red circle, indicating the next step in the troubleshooting process. The rest of the interface, including the topology view and the list of devices on the right, remains the same.



Remote Troubleshooting

➤ Switch connection loss



STEP 2: Reboot PoE & Diagnostics via respective dashboard

- Switch Dashboard

Device Dashboard		×
Device Type	PoE Switches	
Device Name	D60-044-90	
Model Name	D60-044-90	
MAC Address	68:8D:B6:00:00:87	
IP Address	211.75.38.130	
Http Port	80	
PoE Supply	2.1 W	
API Account	admin	
API Password		
WAN Address		
WAN Port		
X Close ✓ Apply		
 Login  Upgrade  PoE Config  Diagnostics		

Remote Troubleshooting

► Switch: Diagnostics

- Do Diagnostic to verify whether it's connection or cable issue.
- Send the repair/ maintenance team onsite to fix the cable issue.

http://192.168.11.24 Model Name:[C60-164-30-250] IP Address:[192.168.11.24] System Name:[C60-164-30-250] Location:[]

AEITEK

Topology View

Home > Graphical Monitoring > Topology View

Device Dashboard

Device Type	PoE Switches
Device Name	Hanwha XNP-9250R
Model Name	D60-084-30-DC
MAC Address	68:8D:B6:00:00:00
IP Address	192.168.11.73
Http Port	80
PoE Supply	3.42 W
API Account	admin73
API Password	
WAN Address	
WAN Port	

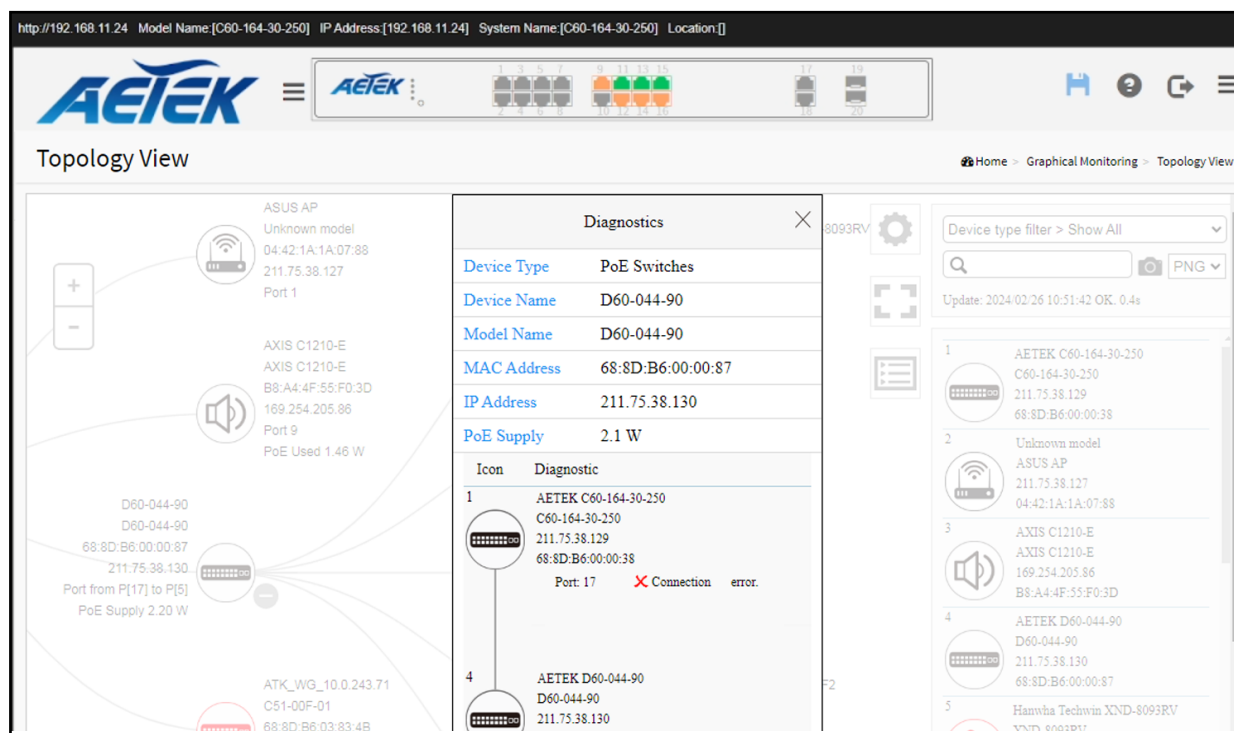
 Login

 Upgrade

 PoE Config

 Diagnostics

Hanwha XNP-9250R
M3068-P
AC:CC:8E:F8:97:47
192.168.11.25
Port 3



Ordering information

L2 PRO Gigabit Ethernet PoE Switch

	C62-044-91-380 • Supports NTS • 100-240VAC input power (built-in 380W power module) • 4xGbE 90W bt PoE + 2xGbE SFP + 2xGbE RJ45		C62-084-91-770 • Supports NTS • 100-240VAC input power (built-in 770W power module) • 8xGbE 90W bt PoE + 2xGbE SFP+2xGbE RJ45
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L2 PRO Gigabit Ethernet PoE Switch

	C60-082-30-130 • Supports NTS • 100-240VAC input power (built-in 130W power module) • 8xGbE PoE + 2xGbE SFP • 0°C ~ 50°C (32°F ~ 122°F)		C60-164-30-250 • Supports NTS • 100-240VAC input power (built-in 250W power module) • 16xGbE PoE + 2xGbE RJ45 + 2xGbE SFP • 0°C ~ 50°C (32°F ~ 122°F)		C60-244-30-370 • Supports NTS • 100-240VAC input power (built-in 370W power module) • 24xGbE PoE + 2xGbE RJ45 + 2xGbE SFP • 0°C ~ 50°C (32°F ~ 122°F)
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L2 PRO Gigabit Ethernet PoE Switch

	C60-082-30-130-V2 • Supports NTS • 100-240VAC input power (built-in 130W power module) • 8xGbE PoE + 2xGbE SFP • 0°C ~ 50°C (32°F ~ 122°F)		C60-164-30-250-V2 • Supports NTS • 100-240VAC input power (built-in 250W power module) • 16xGbE PoE + 2xGbE Combo (RJ45/SFP) + 2xGbE SFP • 0°C ~ 50°C (32°F ~ 122°F)		C60-244-30-370-V2 • Supports NTS • 100-240VAC input power (built-in 370W power module) • 24xGbE PoE + 2xGbE Combo (RJ45/SFP) + 2xGbE SFP • 0°C ~ 50°C (32°F ~ 122°F)
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L2 PRO Gigabit Ethernet Switch

	C60-00F-01 • Supports NTS • 100-240VAC input power • Indoor 24xGbE RJ45 + 4x1G/10G SFP+ • 0°C ~ 40°C (32°F ~ -40°F)		C60-00B-01 • Supports NTS • Full 10G Solution • 100-240VAC input power • Indoor 12x1G/10G SFP+ • 0°C ~ 50°C (32°F ~ 122°F)
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Din-Rail Industrial L2 PRO Gigabit Ethernet PoE Switch

	D60-044-30 / D60-044-30-V2 • Supports NTS • 48-56VDC input power • 4xGbE 30W PoE + 2xGbE RJ45 + 2xGbE SFP • -40°C~75°C (-40°F~167°F)		D60-044-30-DC / D60-044-30-DC-V2 • Supports NTS • 12-56VDC input power • 4xGbE 30W PoE + 2xGbE RJ45 + 2xGbE SFP • -40°C~75°C (-40°F~167°F)
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Din-Rail Industrial L2 PRO Gigabit Ethernet PoE Switch

	D60-044-90 / D60-044-91 • Supports NTS • 48-56VDC input power • 4xGbE 90W bt/PoH PoE + 2xGbE RJ45 + 2xGbE SFP • -40°C~75°C (-40°F~167°F)		D60-044-90-DC / D60-044-91-DC • Supports NTS • 12-56VDC input power • 4xGbE 90W bt/PoH PoE + 2xGbE RJ45 + 2xGbE SFP • -40°C~75°C (-40°F~167°F)
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Ordering information

Din-Rail Industrial L2 PRO Gigabit Ethernet PoE Switch

	D60-084-30 / D60-084-30-V2 • Supports NTS • 48-56VDC input power • 8xGbE 30W PoE + 4xGbE SFP • -40°C~75°C (-40°F~167°F)		D60-084-30-DC / D60-084-30-DC-V2 • Supports NTS • 12-56VDC input power • 8xGbE 30W PoE + 4xGbE SFP • -40°C~75°C (-40°F~167°F)
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Outdoor L2 PRO Gigabit Ethernet PoE Switch

	H60-044-30-150 / H60-044-30-150-V2 • Supports NTS • 100-240VAC input power (built-in 150W power module) • 4xGbE 30W PoE + 2xGbE RJ45 + 2xGbE SFP • -40°C~65°C (-40°F~149°F), IP67, IK10		H60-044-30-DC / H60-044-30-DC-V2 • Supports NTS • 12-56VDC input power • 4xGbE 30W PoE + 2xGbE RJ45 + 2xGbE SFP • -40°C~65°C (-40°F~149°F), IP67, IK10
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Outdoor L2 PRO Gigabit Ethernet PoE Switch

	H60-044-90-250 / H60-044-91-250 • Supports NTS • 100-240VAC input power (built-in 250W power module) • 4xGbE 90W bt/PoH PoE + 2xGbE RJ45 + 2xGbE SFP • -40°C~65°C (-40°F~149°F), IP67, IK10		H60-044-90-DC / H60-044-91-DC • Supports NTS • 12-56VDC input power • 4xGbE 90W bt/PoH PoE + 2xGbE RJ45 + 2xGbE SFP • -40°C~65°C (-40°F~149°F), IP67, IK10
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Outdoor L2 PRO Gigabit Ethernet PoE Switch

	H60-084-30-250 / H60-084-30-250-V2 • Supports NTS • 100-240VAC input power (built-in 250W power module) • 8xGbE 30W PoE + 4xGbE SFP • -40°C~65°C (-40°F~149°F), IP67, IK10		H60-084-30-DC / H60-084-30-DC-V2 • Supports NTS • 12-56VDC input power • 8xGbE 30W PoE + 4xGbE SFP • -40°C~65°C (-40°F~149°F), IP67, IK10
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Outdoor L2 PRO Gigabit Ethernet PoE Switch

	H60-022-91-120 • Supports NTS • 100-240VAC input power (built-in 120W power module) • 2xGbE 90W bt PoE + 2xGbE SFP • -40°C~65°C (-40°F~149°F), IP67, IK10		H60-022-90-120 • Supports NTS • 100-240VAC input power (built-in 120W power module) • 2xGbE 90W bt/PoH PoE + 2xGbE SFP • -40°C~65°C (-40°F~149°F), IP67, IK10
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L2 PRO Gigabit Ethernet Ceiling PoE Switch

	C62-050-30-A • Supports NTS • 1xGbE bt PD PoE Input • 1xGbE bt PoE + 4xGbE at PoE PSE Output • 12V/24VDC Output		C62-050-30-B • Supports NTS • Support Daisy-Chain PoE • 1xGbE bt PD PoE Input • 1xGbE bt PoE + 4xGbE at PoE PSE Output • 12V/24VDC Output
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Modular IP bt PoE Surge Protector

	SD-504 • Web UI Setup & lifetime detection • Alarm log event • 4-CH modularized PoE Surge Protectors • Supports 802.3af / 802.3at / 802.3bt • Protects up to 20KV / 10KA surge • -40°C~75°C (-40°F~167°F) • Hot Swapping Modules		SD-524 • Web UI Setup & lifetime detection • Alarm log event • 24-CH modularized PoE Surge Protectors • Supports 802.3af / 802.3at / 802.3bt • Protects up to 20KV / 10KA surge • -40°C~75°C (-40°F~167°F) • Hot Swapping Modules
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AI Camera Housing – bt PoE input (90W bt)

	M6000-I • operating temperature at -20~65°C (-4°F~149°F) • Built-in window heater, blower • Optional Bracket, VAIR Illuminator, Water Tank • 90W bt PoE input • Web UI Control • Adjustable sunshield • IP66 rated, IK10 vandal proof • Aluminum die casting body		M6000-IW • operating temperature at -20~65°C (-4°F~149°F) • Built-in wiper, window heater, blower • Optional Bracket, VAIR Illuminator, Water Tank • 90W bt PoE input • Web UI Control • Adjustable sunshield • IP66 rated, IK10 vandal proof • Aluminum die casting body
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AI Camera Housing – bt PoE input (90W bt)

	M6000-AI • Arctic cold start heater at -40°C (-40°F) (operating temperature at -50°C~65°C (-58°F~149°F)) • Built-in window heater, blower • Optional Bracket, VAIR Illuminator, Water Tank • 90W bt PoE input • Web UI Control • Adjustable sunshield • IP66 rated, IK10 vandal proof • Aluminum die casting body		M6000-AIW • Arctic cold start heater at -40°C (-40°F) (operating temperature at -50°C~65°C (-58°F~149°F)) • Built-in wiper, window heater, blower • Optional Bracket, VAIR Illuminator, Water Tank • 90W bt PoE input • Web UI Control • Adjustable sunshield • IP66 rated, IK10 vandal proof • Aluminum die casting body
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Ordering information

Smart Camera housing – AC24V input			
	M2000-I • operating temperature at -20~65°C (-4°F~149°F) • Built-in window heater, blower • Optional Bracket, VAIR Illuminator, Water Tank • AC24V input • Web UI Control • Adjustable sunshield • IP66 rated, IK10 vandal proof • Aluminum die casting body		M2000-IW • operating temperature at -20~65°C (-4°F~149°F) • Built-in wiper, window heater, blower • Optional Bracket, VAIR Illuminator, Water Tank • AC24V input • Web UI Control • Adjustable sunshield • IP66 rated, IK10 vandal proof • Aluminum die casting body
Smart Camera housing – AC24V input			
	M2000-AI • Arctic cold start heater at -40°C (-40°F) (operating temperature at -50°C~65°C (-58°F~149°F)) • Built-in window heater, blower • Optional Bracket, VAIR Illuminator, Water Tank • AC24V input • Web UI Control • Adjustable sunshield • IP66 rated, IK10 vandal proof • Aluminum die casting body		M2000-AIW • Arctic cold start heater at -40°C (-40°F) (operating temperature at -50°C~65°C (-58°F~149°F)) • Built-in wiper, window heater, blower • Optional Bracket, VAIR Illuminator, Water Tank • AC24V input • Web UI Control • Adjustable sunshield • IP66 rated, IK10 vandal proof • Aluminum die casting body

