Universal Network Management Solution

Making Operations Easier

CloudViewer APP

A smarter way to centrally manage all network devices

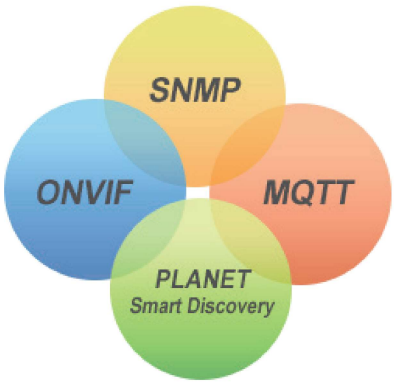
NMS-500/NMS-1000V-10/12

- Nodes Discovery
- Site Management
- Event Report
- Topology View
- Smart AP Control
- Dashboard

Centrally Manage All Network Devices via One Platform

VoIP, IP Cameras, Switches, APs, Routers...

Network Management System Solution



Smart Central Management Over All Network Devices

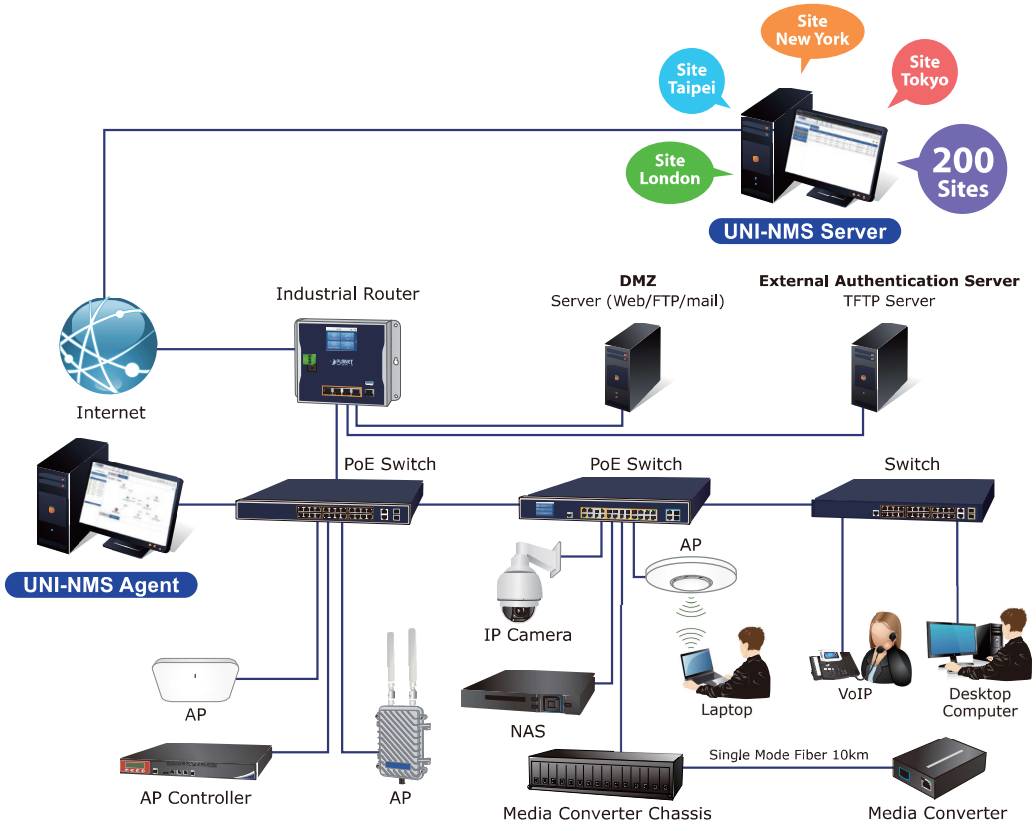
PLANET Network Management System (NMS) Solution successfully integrates MQTT, SNMP, ONVIF protocol and PLANET Smart Discovery to enable IT administrators to monitor and further manage up to 10 types of networking devices, covering switches, routers, VoIP, IP Surveillance devices and more.

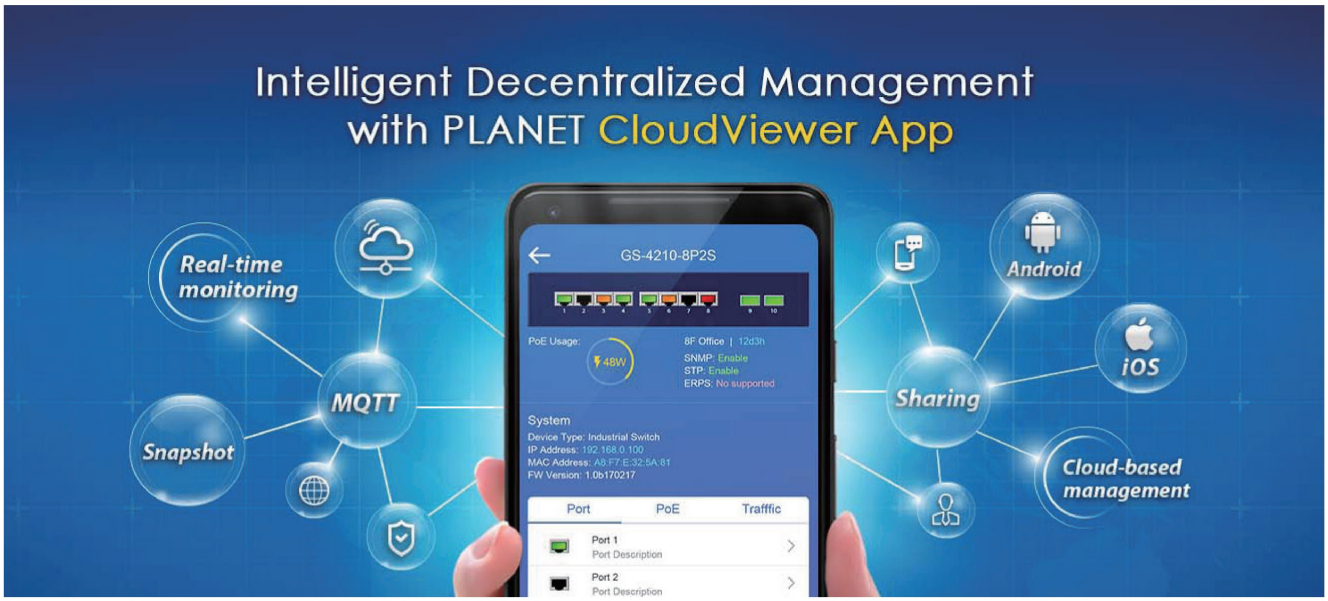
Economical Central Network Management Solution for SMBs

PLANET Intelligent Network Management System Solution includes the software-based UNI-NMS, hardware-based controller, NMS-500, Touch LCD controller, NMS-1000V, and the latest mobile app "CloudViewer" to attend to different applications. PLANET NMS solution features intuitive dashboard, topology and map viewing to make network management efficient and effective.

The exclusive product features for PLANET NMS solution include:

- Centralized control of up to 100,000 nodes
- System upgrade and license (free of charge)
- Intuitive and user-friendly management functions
- Cloud management via PLANET DDNS and Google Map
- 24/7 remote access and management from mobile devices





Intelligent Decentralized Management with PLANET CloudViewer App

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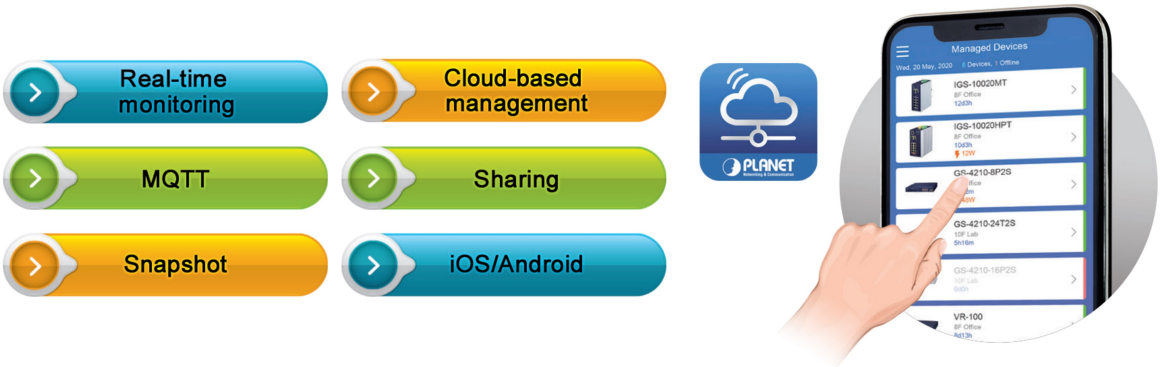
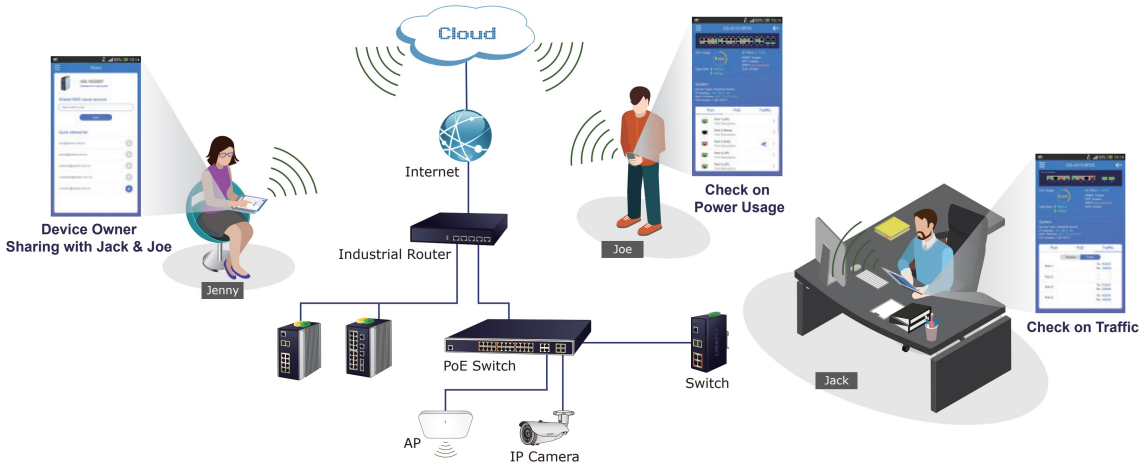
Intuitive Mobile User Experience with Cloud Network

PLANET CloudViewer is an Intelligent App that monitors your network in the cloud. With cloud network, it makes data and services available from anywhere with an Internet connection. With PLANET CloudViewer, your network status can be monitored in real time anytime, anywhere via your mobile phone or tablet. User can easily check network status, device information, and port and PoE statuses from the cloud to reduce management costs.



Sharing Access Authority for Easy Collaboration

Device owners can share their authority of device monitoring with team members via PLANET CloudViewer App. It benefits your shared members by collaborating without complicated account setting and can monitor device anytime, anywhere as device owners.



Centralized Management Controller

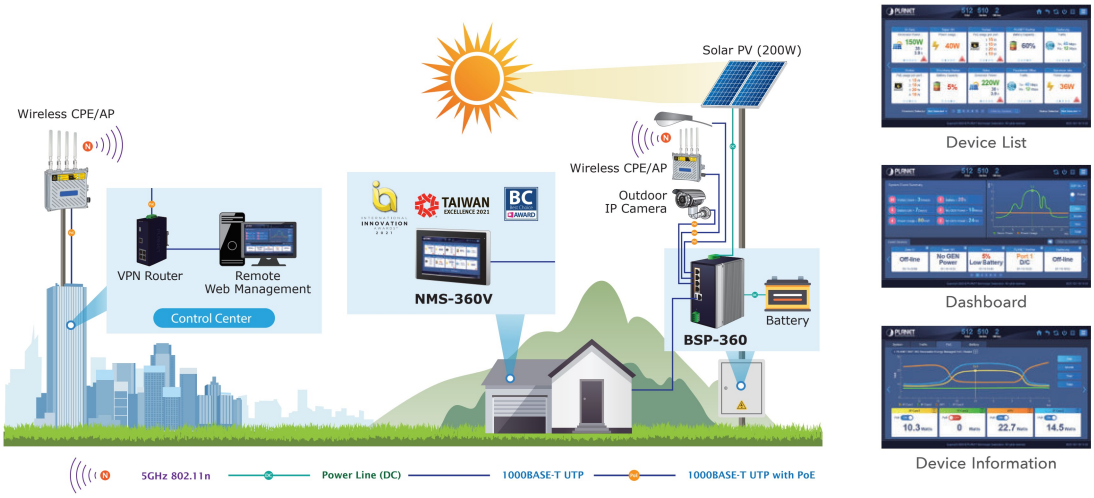
PLANET NMS-500/NMS-1000V Universal Network Management System is integrated in a workstation or PC to monitor all the deployed wired or wireless PoE industrial–grade network devices, such as managed switches, media converters, routers, smart APs, VoIP phones, IP cameras, etc. compliant with the MQTT Protocol, SNMP Protocol, ONVIF Protocol and PLANET Smart Discovery utility. Thus the administrator can centrally manage the network from a central office, greatly boosting network and power management efficiency. With its user authentication management, the NMS-500/NMS-1000V enhances data transmission security in the modern factory automation systems. With the touch panel, the NMS-1000V can conveniently help the administrator check the network status right away. If abnormality is detected, the administrator can solve the problem from the central office, without having to go to the actual site.

Universal Network Management Solution

Management Controller Type		Hardware UNI-NMS Controller		Software UNI-NMS-LITE	Mobile App PLANET CloudViewer
Model No./System Name		NMS-1000V-10/12	NMS-500	UNI-NMS-Lite (Universal Network Management System)	CloudViewer
Product Image					
Touch LCD Screen		10.1"/12.1" TFT-LCD	–	–	–
Max. Manageable Devices		1,024	512	100	20
Resolution		1028 x 800/1024 x 768	1280 x 1024	1280 x 1024	–
HDMI Output		●	-	–	–
Extra computer not required		●	-	–	–
Dashboard	Interactive Dashboard	●	●	●	–
	Multi WAN Traffic History	●	●	●	●
Setup Wizard		●	●	●	–
Devices Status Monitoring & Configuration	AutomaticDevices arrangement	●	●	●	●
	Manual add devices	●	●	●	–
	Domain Router Define	●	●	●	–
	Switch Virtual Panel with Configuration Function	●	●	●[1]	●
	Switch per port Traffic and PoE History Graph	●	●	●[1]	●
	AP Control	●	●	●	–
Topology Management	Multi-level topology	●[1]	●[1]	●[1]	–
	Automatic topology arrangement	●	●	●	–
Web Management	User-friendly, intuitive graphical configuration interface	●	●	●	●
	Operator authorization levels (User Account Management)	●[1]	●[1]	–	●
	Unauthorized login deny mechanism	●	●	●	●
	Synchronization mechanism ensuring real-time status update of the devices	●	●	●	●
Zero Touch Provisioning	Simple procedure: Rack, connect and power on	●	●	●	●
	Topology auto-discovery mechanism	●	●	●	–
	Standard five-level alarm display	●	●	●	–
	Grouped alarm monitoring interface, defined according to customer requirements	●	●	●	–
	Customized alarm filter rules that enable the display of events in order of importance	●[1]	●[1]	–	–
Fault Management	System Event and Syslog daily list	●	●	●	–
	System Event Server	●	●	●	–
	Remote Syslog Server	●	●	●	–
	SMTP Alert (Alert Configuration)	●	●	–	–
	Alert Pop Message	●	●	–	–
Configuration Management	Real-time status feedback for every device configuration	●	●	●	–
	Hyperlink Control	●	●	●	–
Performance Management	Uniform performance management system for all devices under management	●	●	●	–
	Monitor device CPU and RAM utilization	●	●	●	–
Security Management	Unauthorized login deny mechanism	●	●	●	–
	Maintains system and device operation logs and supports log export	●[1]	●[1]	–	–
	https Hypertext Transfer Security Protocol, SSL/TLS plus sealed package	●	●	●	–
Diagnostics	Ping device IP	●	●	●	–
System Backup & Restore	USB Backup\Read Raw Data	●	●	–	–
	USB Backup\Restore System Setting Configuration	●	●	–	–
Floor Map		50 (1MBytes x50)	25 (1MBytes x25)	1(1MBytes x10)	–
Built-in DHCP Server		●	●	–	–
Built-in RADIUS Server		●	●	–	–
MAC Access Control (Black list)		●[1]	●[1]	–	–
PLANET DDNS / Easy DDNS		●/●	●/●	●	–
Port Configuration		●	●	●	–
Remarks:1. Future feature supported through firmware/patch upgrade					Android: 6.0 and above iOS: 13.0 and above

Intelligent Renewable Energy Management Controller (NMS-360/NMS360V)

PLANET Renewable Energy Management Controller series (NMS-360 Series) is the world's first controller integrating green technology and exclusive intelligent PoE management functions to provide users with real-time remote managment over renewable energy usage and connected PD operation status. With PLANET award-winning product, Renewable Energy PoE Switch/Router, BSP-360, the NMS-360 Series provides synchronous information on green power and battery status, instant/average PoE power usage analysis, as well as traffic logs that are compliant with MQTT protocol and PLANET Smart Discovery. The NMS-360 series automatically detects and manages up to 512 BSP-360 devices along with 1024 IP cameras via its user-friendly web UI.



Device List

Dashboard

Device Information

	NMS-360	NMS-360V-10	NMS-360V-12
Product Image			
Hardware Interface			
LCD	–	10" Touch Panel	12" Touch Panel
HDMI	–	1 x HDMI	1 x HDMI
GbE Ethernet	5 x GbE LAN RJ-45	2 x GbE LAN RJ-45	2 x GbE LAN RJ-45
USB	Two USB3.0	2 x USB 3.0	2 x USB 3.0
Serial	One RJ45 Console port (COM1)	N/A	N/A
Watt	60W power adaptor (Level 6)	10": 23.7W	12": 29W
Sofrware Feature			
Number of Managed Devices(BSP-360)	512	512	512
Number of IP cameras	2,048	2,048	2,048
Dashboard	•	•	•
Setup Wizard	•	•	•
Node Discovery	•	•	•
App-like Device Viewing	•	•	•
Event Table	•	•	•
Alarm System	•	•	•
Device Provisioning	•	•	•
Site Map	•	•	•
Remote PoE Control	•	•	•
User Control	•	•	•
Scalability	•	•	•
Backup/Restoration/Read	•	•	•
User Account Management	•	•	•
Network Services			
DDNS	Supports PLANET DDNS/Easy DDNS		
DHCP	Built-in DHCP Server for auto IP assignment to APs		
Management	SSL; Web browser (Chrome is recommended);		
Discovery	SNMP v1, v2c, v3		
Standards Conformance			
Regulatory Compliance	CE, FCC		
Standards Compliance	IEEE 802.3 10BASE-T		
	IEEE 802.3u 100BASE-TX		
	IEEE 802.3ab Gigabit 1000BASE-T		