

**LAMUNGAN**<sup>TM</sup>

# Lite Managed Switches

Monitor Your Ethernet Network  
Anytime, Anywhere



**VOLKTEK**

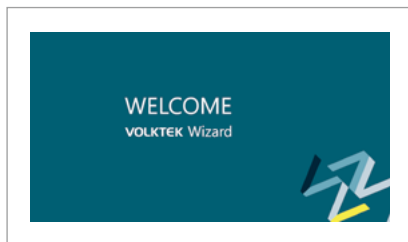
# PRODUCT FEATURES & BENEFITS

## Easy Infrastructure Monitoring and Management

LAMUNGAN is a user-friendly interface made up by a Wizard, a Topology Map and a Dashboard, that makes the tedious management easy and increases reliability, assisting OT and IT users in addressing critical application scenarios including the protection of the infrastructure devices.

The Wizard guides the user step by step through the initial set-up of the Ethernet switch. The Topology Map displays the network infrastructure and highlights link status while the Dashboard offers key performance and traffic information. Both use a tricolor scheme; red (critical), yellow (alert) and green (normal) to notify users about any network anomaly.

### Wizard



### Topology Map



### Dashboard



## 6 Benefits of Using the LAMUNGAN

1

### Deploy the Network Quickly and Efficiently

Quick Set-Up & Fast Deployment

1 2 3 steps

2

### Keep Informed About the Network Status

Real-Time Link Status



3

### Locate the Devices Physically and in the GUI in a Snap

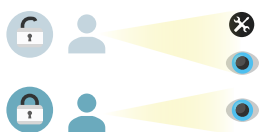
Device & Network Info



4

### Provide Access to Certified Professionals Only

Permit-Grant Management



5

### Remote Monitoring and Management

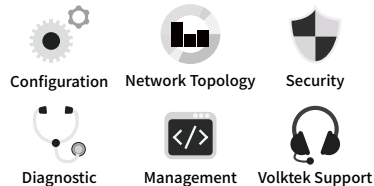
Manage & Monitor Remotely



6

### The GUI Provides 6 Key Management Features

Web-Based GUI





## Lite Managed Switches

Model		8075-8GT-M12	IEN-8424L	IEN-8415L	IEN-840GL	8015-8GT-I	8015-8GT2GS-I
Interface	RJ45 / M12	8 x 10/100/1000	4 x 10/100/1000	5 x 10/100/1000	16 x 10/100/1000	8 x 10/100/1000	8 x 10/100/1000
	PoE	-	-	-	-	-	-
	SFP	-	2 x FX / GbE	1 x FX / GbE	-	-	2 x FX / GbE
Hardware	Jumbo Frame (Bytes)	10K	10K	10K	10K	10K	10K
	MAC Entries	8K	8K	8K	8K	8K	8K
	Fan-less	Y	Y	Y	Y	Y	Y
	SFP Information	N	N	N	N	N	N
	SFP DDMI	N	N	N	N	N	N
	Switching Fabric	16Gbps	12Gbps	12Gbps	32Gbps	16Gbps	20Gbps
Management	HTTP / HTTPs	Y	Y	Y	Y	Y	Y
	SNMP	Y	Y	Y	Y	Y	Y
	SNMP Trap	Y	Y	Y	Y	Y	Y
	MVLAN	Y	Y	Y	Y	Y	Y
	Firmware Upgradable	Y	Y	Y	Y	Y	Y
	Configuration Backup / Restore	Y	Y	Y	Y	Y	Y
	Syslog	Y	Y	Y	Y	Y	Y
	SNTP	Y	Y	Y	Y	Y	Y
	LLDP	Y	Y	Y	Y	Y	Y
	DHCP Client	Y	Y	Y	Y	Y	Y
Power	DC Power Input	12 ~ 48VDC	20 ~ 60VDC	20 ~ 60VDC	12 ~ 60VDC	24 ~ 48VDC	24 ~ 48VDC
	Redundant Power	Y	Y	Y	Y	Y	Y
	Max Power Consumption	8W	10W	10W	12W	10W	11W
Installation & operation information	Dimensions (W x H x D)	60 x 210 x 41 mm	50 x 160 x 120 mm	31 x 136.3 x 105 mm	50 x 160 x 120 mm	50 x 116 x 100 mm	50 x 116 x 100 mm
	Weight	425g	430g	280g	880g	500g	550g
	Housing	Metal, IP67	Metal, IP40	Metal, IP40	Metal, IP40	Metal, IP40	Metal, IP40
	Mounting Kit	Wall Mount	DIN-Rail	DIN-Rail	DIN-Rail	DIN-Rail	DIN-Rail
	Operating Temperature	-40°C~70°C (-40°F~158°F)	-10°C ~ 60°C (14°F ~ 140°F)			-40°C ~ 70°C (14°F~158°F)	

## Lite Managed PoE+ Switches



Model		SEN-8405PL-24V	SEN-8415PL	SEN-8424PL	SEN-8425PL-24V	SEN-8428PL	SEN-8428PL-24V
Interface	RJ45	1 x 10/100/1000	1 x 10/100/1000	-	1 x 10/100/1000	-	-
	PoE	4 x 10/100/1000	4 x 10/100/1000	4 x 10/100/1000	4 x 10/100/1000	8 x 10/100/1000	8 x 10/100/1000
	SFP	-	1 x FX / GbE	2 x FX / GbE	2 x FX / GbE	2 x FX / GbE	2 x FX / GbE
Hardware	Jumbo Frame (Bytes)	10K	10K	10K	10K	10K	10K
	MAC Entries	8K	8K	8K	8K	8K	8K
	Automatic MDI / MDI-X	Y	Y	Y	Y	Y	Y
	Switching Fabric	10Gbps	12Gbps	12Gbps	14Gbps	20Gbps	20Gbps
	Flow Control	Y	Y	Y	Y	Y	Y
	Surge Protection	Y	Y	Y	Y	Y	Y
	ESD Protection	Y	Y	Y	Y	Y	Y
	Reverse Polarity	Y	Y	Y	Y	Y	Y
	Over Current Protection	Y	Y	Y	Y	Y	Y
Industrial Standards & Certifications	FCC Part 15, CE	Y	Y	Y	Y	Y	Y
	Shock Test	Y	Y	Y	Y	Y	Y
	Freefall Test	Y	Y	Y	Y	Y	Y
	Vibration Test	Y	Y	Y	Y	Y	Y
Power	DC Power Input	24 ~ 57VDC	48 ~ 57VDC	48 ~ 57VDC	24 ~ 57VDC	48 ~ 57VDC	24 ~ 57VDC
	Redundant Power	-	Y	Y	-	Y	Y
	Alam Contact	-	Y	Y	-	Y	Y
	Power Isolation	Y	Y	Y	Y	-	Y
	System Power Consumption	13W	10W	10W	14W	10W	13W
	PoE Power Budget	120W	120W	120W	120W	240W	240W / 48V, 120W / 24V
Installation & operation information	Dimensions (W x H x D)	50 x 160 x 120 mm	31 x 136.3 x 105 mm	50 x 160 x 120 mm	50 x 160 x 120 mm	50 x 160 x 120 mm	50 x 160 x 120 mm
	Weight	465g	290g	696g	500g	970g	970g
	Housing	Metal, IP40	Metal, IP40	Metal, IP40	Metal, IP40	Metal, IP40	Metal, IP40
	Mounting Kit	DIN-Rail	DIN-Rail	DIN-Rail	DIN-Rail	DIN-Rail	DIN-Rail
	Operating Temperature	-10°C ~ 60°C (14°F ~ 140°F)	-10°C ~ 60°C (14°F ~ 140°F)	-10°C ~ 60°C (14°F ~ 140°F)	-10°C ~ 60°C (14°F ~ 140°F)	-10°C ~ 60°C (14°F ~ 140°F)	-10°C ~ 60°C (14°F ~ 140°F)

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