VOLKTEK

QUICK INSTALLATION GUIDE (Add Property Co. Mar.) Q. Q. (



Total

Devices

20/50

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SYSTEM REQUIREMENT

OS

• Windows 10/11 64-bit

Hardware Requirements

- Intel Core i3 (or equivalent) or higher
- Minimum 8 GB RAM (16 GB recommended)
- Minimum 3 GB free disk space
- Ethernet adapter supporting TCP/IP



SYSTEM REQUIREMENT

Software Requirements

- Modern browsers supported: latest versions of Google Chrome, Mozilla Firefox, Microsoft Edge
- NET 8
- Internet connectivity is required for: **Registration and activation** Updates and feature upgrades Accessing online help and support



Step 1 Install .NET Core SDK

• Click "dotnet-sdk-8.0.406-win-x64.exe"

Step 2 Install INDY

- Enter name and email
- LLDP powershell





INDY_Installer

X

Step 2 Install INDY

- Enter name and email
- LLDP powershell

	🔁 INDY — 🗆
Welcome to the INDY Setup Wizard	Select Installation Folder
The installer will guide you through the steps required to install INDY on your computer.	The installer will install INDY to the following folder. To install in this folder, click "Next". To install to a different folder, enter it below or click "Brows Folder:
	C:\Program Files\Volktek\INDY\ Disk Cost
WARNING: This computer program is protected by copyright law and international treaties. Unauthorized duplication or distribution of this program, or any portion of it, may result in severe civil or criminal penalties, and will be prosecuted to the maximum extent possible under the law.	Install INDY for yourself, or for anyone who uses this computer: C E veryone Just me
< Back Next > Cancel	< Back Next > Cancel

			2
Let's initiate the setup p	rocess for INDY by configuring the fu	ndamentals	
Name / Company Name	8		
) Email			
, Web Port			
443			
By clicking "Next" you	agree to provide your email address a and ensuring the security of your pers mal information to third parties for mar	nd name to us. We ar conal information. We o keting purposes. We r erating our business or	e commit do not se may share r servicin
protecting your privacy trade, or rent your perso information with trusted subject to strict confider	service providers who assist us in op ntiality obligations.		
protecting your privacy trade, or rent your perso information with trusted subject to strict confider	service providers who assist us in op ntiality obligations.		

Step 2 Install INDY

- Enter name and email
- LLDP powershell



Step 3 Enable LLDP and Lamungan Slave on Volktek switch

- Enable LLDP
- Enable Lamungan Slave

1) Go to Settings > Network & Internet



Ģ	Ethernet Authentication, IP and DNS settings, metered network	>
0	VPN Add, connect, manage	>
-	Proxy Proxy server for Wi-Fi and Ethernet connections	>
(Ç:	Dial-up Set up a dial-up internet connection	>
₽	Advanced network settings View all network adapters, network reset	>

2) Click Advanced network settings

- Step 3 Enable LLDP and Lamungan Slave on Volktek switch
 - Enable LLDP
 - Enable Lamungan Slave
 - 3) Expand the network interface which you are using in INDY

Edit Config \times G Network Interface altek PCIe GbE Family 8011 HTTP Server TCP Port Save Cancel

4) Select the checkbox to turn on LLDP and click OK to save.



INDY QUICK INSTALLATION GUIDE Step 3 Enable LLDP and Lamungan Slave on Volktek switch

- Enable LLDP
- Enable Lamungan Slave

1) Go to Switch GUI and log in

	System Information
System Information	
Model Name	\$100-2407205
Hostname	6100-2407205
Boot Code Versio	n V125.50
Firmware Version	V1.0.1.50
Built Date	Wed Apr 12 09 52 47 CST 2023
DHCP Client	Disabled
IP Address	100 100 100 100
Subnet Mask	255.255.255.0
Default Galeway	1962 1968 2002 1
MAC Address	NO 100-104 T # 79 79
Serial Number	VTRUT BRUTHF
Management VLA	N 1
CPU Loading	76.94 %
Memory Informat	on Total: 127636 KB, Free: 105056 KB, Usage: 17.69 %
Current Time	2024-3-1, 17.7.21
System Uptime	55 days, 5 hours, 23 minutes, 28 seconds
DHCPv6 Client	Disabled
IPv6 Local Addre	As Note 200-1870/18 Turbuse
IPv6 Default Gate	way
IPv6 Global Addr	85
	Refresh

2) Find Management > Lamungan Slave

VOLKTE IEN-8648P

System Status
▶ Basic Settings
► Advanced Settings
► Security
► Monitor
▼ Management
> SNMP
Auto Provision
Mail Alarm
Maintenance
Syslog
USB Functions
User Account
Device Managemen
Topology Map
Lamungan Slave
► Volktek Support

		LOGOUT	SAV
		ALM SS	
		PHR 000	- III (
	System Information		
tem Information			
Model Name	IEN-8648PA		
Hostname	L2SWITCH_190		
Boot Code Version	V1.4.2.S0		
Current Running Firmware	Primary Firmware		
Primary Firmware:			
Version	V1.0.7.50		
Built Date	Wed Nov 8 17:07:57 CST 2023		
Checksum	94836/28		
Secondary Firmware:			
Version	V1.0.7.S0		
Built Date	Wed Nov 8 17:07:57 CST 2023		
Checksum	9483bf28		
DHCP Client	Enabled		
IP Address	192.168.100.190		
Subnet Mask	255 255 255.0		
Default Gateway	192.168.100.251		
MAC Address	00.05.04.08.77.86		
Serial Number	A00000000001		
Management VLAN	1		
CPU Loading	5%		
Memory Information	Total: 513996 KB, Free: 433852 KB, Usage: 15.59 %		
Current Time	2026.2.6 13 38.0		

Step 3 Enable LLDP and Lamungan Slave on Volktek switch

- Enable LLDP
- Enable Lamungan Slave
- 3) Select Enable and then click Apply

	Lamungan Slave	
amungan Sla	ive Settings	
State	Enable 🗸 (Select Enable to reply Lamungan mas	ter's query.)



Step 4 First-time activation

- during installation, password is "admin"
- Click power button, wait for green light, then click Launch Browser • When login screen appears, username will be the email entered
- Once successfully logged in, you can start using the system

■ INDY - □ ×	
Status:Stopped Network Interface:Realtek PCIe GbE Family	Status:Running Network Interface:Realtek PCIe GbE Family
Launch Browser	Launch Browser
Users Config	Nttp://127.dl.18011

Step 4 First-time activation

- Click power button, wait for green light, then click Launch Browser
- When login screen appears, username will be the email entered during installation, password is "admin"
- Once successfully logged in, you can start using the system

	support@volktek.com volktek.com	
Internance (Enail) Passwoord Renember me LOG M		
Cupright © 2014 Hiddhai Curp. All rights reserved.		



	indy admin.indy@volktek.com			c 🥵 💿 🕹
Devices	°o₀ Topology		Events	
otal	Device Statu	s		Disk Space
evices Properties 4 / 50 O	0	 Normal Alert Critical Offline 	10 0 0 3	18.09 GB free of 118.59 GB
inned Devices				¢
IP Address	System Name	Status	Firmwar	e Version
192.168.100.128	L25WITCH-OAO	Normal	V1.0.5.5	50

Step 5 Start using INDY Basic Once successfully logged in, you can start using the system

Version: V1.0.S0 Release Date: 2024/05/22

License Type: INDY Pro Email: admin.indy@volktek.com Expiration Date: 2025/10/29 Remaining Days: 365 Days left



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support@volktek.com



INDY QUICK INSTALLATION GUIDE Configure SNMP on Volktek switch • Enable SNMP Configure SNMP trap For Switch Side: Enable SNMP/LLDP/ VOLKTEK System Status **Basic Settings** Lamungan Functions **Advanced Setting** Security Monitor Management Volktek Support Go to Switch GUI and log in.

System Information Model Name 1105-2401202 Hostname \$105-2407208 Boot Code Versio V125.S0 V1.0.1.90 **Firmware Versie** Wed Apr 12 09:52:47 CST 2023 **Built Date DHCP Client** Disabled -----IP Address Subnet Mask 255 255 255 0 Default Gateway 182 1988 2992 1 MAC Address 10030-0414-7475 Serial Number VTRUT BEAUTH Management VLAN CPU Loading 76.94 % Total: 127636 KB, Free: 105056 KB, U Memory info **Current Time** 2024-3-1, 17.7.2 System Uptime 55 days, 5 hours, 23 minutes, 28 sec **DHCPv6** Client Disabled \$400 205 AT \$414 7475 8 IPv6 Local Address **IPv6** Default Galeway IPv6 Global Address Refresh

Find Management > SNMP



Select Enable and click Apply in Configuration

 Configuration Network Topology Security Diagnostic ✓ Management SNMP SNMPv3 	Configuration	Community Name	SNMP		
 Network Topology Security Diagnostic ✓ Management SNMP SNMPv3 	Configuration	Community Name			
► Diagnostic ▼ Management SNMP SNMPv3			Trap Event	Port Trap Event	Trap Receiver
▼ Management SNMP SNMPv3	SNMP Settings				
SNTP System Information System Maintenance User Account	SNMP State System Name System Location System Contact	Enable V L2SWITCH	Apply Refresh		

Click Community Name to Set Community String

VOLKTEK 5100-24GT2GS					LOGOUT	SAVE		
▶ System Status	SNMP							
► Basic Settings	CNMD Set	Commun	te Name					
► Advanced Settings	SNMP Set	tings Commun	ity Name					
► Security	Community Name Settings							
► Monitor								
▼ Management	Read-Only Y IPv4 Y							
✓ SNMP	Read-Only V IPv4 V							
SNMP	Apply Refresh							
SNMP Trap								
SNMPv3	Community	Name List	_	_			_	
Auto Provision	No.	Community String	Rights	IP Version	Network ID of Trusted	Number of	Action	
Mail Alarm	- 1	public	Road Only	IDv/	102 168 202 0	24	Delete	
Maintenance	1	public	Read-Only	11- 1-4	192.100.202.0	24		
Syslog								

Fill these fields. Then click Apply to save data

	SNMP							
SNMP Set	tings Commu	nity Name						
Community	Name Settings							
Comm	unity String Re Re	Rights ad/Write ✓ ad-Only ad/Write	IP Version IPv4 ✓ Apply	Network ID of Trusted Host	Number of	Mask Bit		
Community	Name List							
No.	Community String	Rights	IP Version	Network ID of Trusted Host	Number of Mask Bit	Action		
1	public	Read-Only	IPv4	192.168.202.0	24	Delete		

Configure SNMP on Volktek switch

- Enable SNMP
- Configure SNMP trap

Set SNMP Trap Receiver

Go to Switch GUI and log in



		COUDUL SAVE ABOUT
		ALM • 1 0 5 7 0 11 10 15 17 10 21 20 PAR • 10000 100 100 100 10 17 10 21 20 PAR • 24 8 0 10 12 14 16 10 20 22 22 24
	System Information	
m Information		
Model Name	\$100-2401205	
Hostname	\$105.2407205	
Boot Code Version	V125S0	
Firmware Version	V1.0.1.S0	
Built Date	Wed Apr 12 09:52:47 CST 2023	
DHCP Client	Disabled	
IP Address	NOT 1000 TOD 1000	
Subnet Mask	255 255 255 0	
Default Gateway	192 198 292 1	
MAC Address	NO 100 TH TH 74 75	
Serial Number	and a second s	
Management VLAN	1	
CPU Loading	76.94 %	
Memory Information	Total: 127636 KB, Free: 105056 KB, Usage: 17.69 %	
Current Time	2024-3-1, 17:7:21	
System Uptime	55 days, 5 hours, 23 minutes, 28 seconds	
DHCPv6 Client	Disabled	
IPv6 Local Address	NOT 205 REN/4 747554	
IPv6 Default Galeway		
IPv6 Global Address		
	Refresh	

Find Management > SNMP > SNMP Trap.

KTEK 548PA						SAN
tus			SNMP Trap		Pur COO	
igs	Two Decembers	Tree Frank	Deat Yess Frank			
ttings	Trap Receiver	Trap Event	Port Trap Event			
Television	rap Receiver Settings					
	ID Version	ID Address	Var	lon	Community	String
	IDva w	IP Address	ver	- HOR	Community	sung
	1-14			•	_	
		(Apply Refresh			
						_
	ap Receiver List		_	_	_	_
	No. IP Version	IP Address	Version	Communi	ty String	Action
nt						

Set SNMP Trap Receiver data:

SNMP Trap							
Trap Receiver Trap Event		Trap Event P	ort Trap Event				
Trap Receiver Settings							
IP Version		IP Address	Vers	ion Comm	Community String		
IPv4 ❤			v1	✓			
Apply Refresh							
Trap Receiver List							
No.	IP Version	IP Address	Version	Community String	Action		
1	IPv4	192.168.3.11	v2c	public	Delete		

MONITOR, MANAGE, AND SECURE INDY NMS FOR INDUSTRIAL OT SUCCESS!







User Friendly

Afforable





Data visualization

Event notification



