

**VSW4**

An unmanaged AI PoE switch, with 4x 10/100Mbps and 2x 10/100Mbps RJ45 ports, ports 1-4 can support IEEE802.3af/at standard PoE. A single port can provide up to 30W PoE power, with the maximum PoE power output for the device is 65W.

**VSW8**

An unmanaged PoE switch, with 8x 10/100Mbps PoE ports and 2x 10/100Mbps uplink RJ45 ports, ports 1-8 can support IEEE802.3af/at standard PoE. A single port provides up to 30W PoE power, and the maximum PoE power output for the device is 120W.

**VSW16**

An unmanaged PoE switch, with 16x 10/100Mbps PoE ports and 2x 10/100/1000Mbps uplink RJ45 ports, ports 1-16 can support IEEE 802.3af/at standard PoE. Ports 9-16 support long transmission distance only. A single port can provide up to 30W PoE power, and the maximum PoE power output for the device is less than 200W.

**VSW24**

An unmanaged PoE switch, with 24x 10/100Mbps PoE ports and 2x 10/100/1000Mbps uplink RJ45 ports and 2x 1000Mbps uplink TP/SFP combo ports. Ports 1-24 can support IEEE802.3af/at standard PoE, and a single port provides up to 30W PoE power, with the maximum PoE power output at up to 400W.

## CUSTOMER SUPPORT

For assistance in installing, operating, maintaining and troubleshooting this product refer to this document and any other documentation provided. If you still have questions, please contact Vista Technical Support or use the products QR code provided:

**Norbain Technical Support and Sales:**

Norbain SD, Inspired, Easthampstead Road, Bracknell, Berkshire RG12 1YQ. UK.  
+44 (0) 118 912 5125.



Where applicable, a Declaration of Conformity in accordance with Directives 2014/30/EU (EMC), 2014/35/EU (LVD), and 2015/863/EU RoHS(3) has been made and we declare the product compliant.



Where applicable, the requirements of the European law on the Restriction of Hazardous Substances (RoHS) directive: 2015/863/EU have been met and the product is without the hazardous substances cited in the directive.



**Our CE EU-Authorised Representative: Comply Express Unipessoal LDA, StartUp Madeira - EV141, Campus da Penteada, 9020-105 Funchal, Madeira, Portugal.**

Symbolizes that within the European Union the product must be collected separately at the product end-of-life. Do not dispose of these products as unsorted municipal waste.



A UK Declaration of Conformity in accordance with GB UKCA standards has been made. The manufacturer declares that the product supplied with this document is compliant with the provisions of the Electromagnetic Compatibility Regulations 016, and where applicable, the Electrical Equipment (Safety) Regulations 2016 Directives.

**Norbain SD, Inspired, Easthampstead Road, Bracknell, Berkshire, RG12 1YQ, UK.**



# USER GUIDE

## PoE Switch

VSW4, VSW8, VSW16 & VSW24

Please read this manual thoroughly before use, we recommend you keep it handy for future reference.

## STATEMENT

Read all instructions and enclosed guides supplied before installing or operating this product.  
We recommend you have a basic knowledge of CCTV & IT systems and electrical wiring and products.

## WHATS IN THE BOX

Please kindly check the following items:

Contents	VSW4	VSW8	VSW16	VSW24
PoE Switch	✓	✓	✓	✓
Power Cable	✓	✓	✓	✓
User Guide	✓	✓	✓	✓
Mounting kit	X	✓	✓	✓

## NOTE

If any product shortage or damage is found, please make contact with the company who supplied the goods  
**WARNING:** Improper use can cause severe bodily injury or equipment damage.

## PRODUCT OVERVIEW

The VSW PoE switches have been designed to operate primarily with CCTV surveillance cameras. The small compact casing makes it ideal for use in distributed architecture type systems. Having dual Up-link ports they can be connected to local NVRs, while the second port can be connected to the systems main back bone for connection to VMS clients, or routers.

Model	Ports			Max. PoE Power		Switching Capacity	Extend Mode	Features
	PoE Ports	Uplink Ports	SFP Ports	Max Capacity	Single Port			
VSW4	4x 10/100 Mbps	2x 100Mbps	#NA	60W	30W	1.6Gbps	250m	<ul style="list-style-type: none"> <li>PoE Standard: IEEE802.3af/at</li> <li>Port Lightning protection: 4KV 8/20us</li> <li>Protection level: IP30</li> <li>Plug &amp; Play</li> </ul>
VSW8	8x 10/100Mbps	2x 1000Mbps	#NA	120W	30W	11.8Gbps	250m	
VSW16	16x 10/100Mbps	2x 1000Mbps	#NA	200W	30W	14.8Gbps	250m	
VSW24	24x 10/100Mbps	2x 1000Mbps	2x 1000Mbps	400W	30W	14.8Gbps	#NA	

## FEATURES

- Complies to IEEE802.3af/at, 10Based-T, 100Based-T, 1000Based-T
- Ethernet Port Rate: self-adaptive 10/100Mbps and 2 self-adaptive 10/100/1000Mbps (excludes VSW4)
- Plug and Play
- Working mode: asynchronization, point to point, full/half duplex self-negotiation
- User-friendly panel, LED indicator of PWR, PoE, Link/Act and Speed Rate
- Functional switch, supporting the switching from standard to long transmission mode (100m/250m (excludes VSW24 - Range 100m))
- Two SFP GBIC ports for Fibre connection. (VSW24 only)
- 19" standard cabinet (Mounting brackets supplied (8/16/24), doesn't apply to VSW4)

## NOTE

Transmission distances can be related to the cable used, Cat5e/6 cables are recommended.

## INSTALLATION STEPS

Please check your box contents match the Whats in the box section before installation. If any are missing, please contact your dealer.

- 1) Ensure power is turned off to switch.
- 2) Use network cable to connect PoE IP camera to the PoE ports.
- 3) Use a network cable to connect the uplink ports to NVR or computer.
- 4) Connect power adapter.
- 5) Check if the installation is correct, equipment is in good condition and the connections are stable,
- 6) Power can now be turned on.
- 7) Ensure all equipment is working correctly.

## CONNECTION DIAGRAM

