

## Product Datasheet

Part Code: VSW-24-GB-POE-230V

### CAM Switch PoE

2 Layer Managed Gigabit Switch - 24 PoE Ports with 4 SFP Ports

### Key Features

- Designed for networked IP based surveillance cameras
- 4 x 10/100/1000M SFP ports
- Supports IEEE802.3/IEEE802.3i/IEEE802.3u/IEEE802.3ab/IEEE802.3z
- Compatible with IEEE802.3at (30W) and IEEE802.3af (15.4w)
- 24 x Ethernet ports supporting 10/100/1000M adaptive and POE functions
- LED Panel indicators monitoring the switch status
- Fan-less design, convection cooling design, 1U rack mount
- Supports 802.1x port authentication
- Supports AAA authentication
- Supports TACACS+ authentication
- Supports WEB, TELNET, CLI, SSH, SNMP, RMON remote management
- Supports POE power management
- Supports port lightning protection
  - Surge: General Mode 6KV
  - Differential Mode 4KV
  - ESD 15KV



### Specifications

|                     |                                                                              |
|---------------------|------------------------------------------------------------------------------|
| Product Description | 24 Port Gigabit Managed POE Switch                                           |
| Product Model       | VSW-24GB-POE-230V                                                            |
| Interface           | 24 x 10/100/1000M POE ports + 4 x Gigabit SFP/TP Combo ports, 1 Console port |
| Network Protocols   | IEEE 802.3                                                                   |
|                     | IEEE 802.3u                                                                  |
|                     | IEEE 802.3ab/ad/az/af/at                                                     |
|                     | IEEE 802.3x                                                                  |
|                     | IEEE 802.1q                                                                  |
|                     | IEEE 802.1p, QoS                                                             |
|                     | IGMP Snooping                                                                |
| PoE Parameters      | PoE Standard: IEEE802.3at (30W) and IEEE802.3af (15.4w)                      |
|                     | PoE compatibility: IEEE 802.3af/at adaptive                                  |
|                     | POE port output: DC48-55V                                                    |
|                     | Power Pin Assignment: Power over spare pairs 1/2(+) and 3/6 (-)              |

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### Specifications...continued

|                             |                                                                                                                                                           |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Network Transmission Medium | 10BASE-T: Cat3, 4, 5 UTP (≤ 100 m)                                                                                                                        |
|                             | 100BASE-TX: UTP (≤100 m) above Cat5                                                                                                                       |
|                             | 1000BASE-TX: UTP (≤100 m) above Cat5                                                                                                                      |
| Optical                     | Multimode fibre: 1310nm, 2Km                                                                                                                              |
|                             | Single mode fibre: 1310nm, 20/40km; 1550nm, 60/80/100/120km                                                                                               |
| Power Supply                | Machine input voltage: AC90-264V                                                                                                                          |
|                             | Output DC52V 7.69A Total power: 400W                                                                                                                      |
| Physical Dimension          | Product size (L×W×H): 445mm× 285mm× 45mm                                                                                                                  |
|                             | Package size (L × W × H): 500mm × 350mm × 90mm                                                                                                            |
|                             | Product weight: 3.2kg                                                                                                                                     |
|                             | Package weight: 4.0 kg                                                                                                                                    |
| Working Environment         | Operating Temperature: -20° ~ 55 ° C;                                                                                                                     |
|                             | Storage Temperature: -40 ° ~ 85 ° C;                                                                                                                      |
|                             | Operating Humidity: 10% ~ 95%, non-condensing                                                                                                             |
|                             | Working height: up to 10,000 feet (3,000 meters)                                                                                                          |
| Certification               | Storage height: up to 10,000 feet (3,000 meters)                                                                                                          |
|                             | CE, FCC, ROHS, 3C                                                                                                                                         |
|                             | MTBF: 100,000 hours                                                                                                                                       |
| Package Contents            | 1. Switch: 1 set<br>2. Instruction manual: 1<br>3. Certificate of conformity: 1<br>4. Warranty card: 1<br>5. AC power cord 1<br>6. A pair of hanging ears |
| Warranty                    | 3 years                                                                                                                                                   |
| Technical Overview          | Bandwidth: 56Gbps (non-blocking)                                                                                                                          |
|                             | Packet Forwarding rate: 41.6 Mpps                                                                                                                         |
|                             | Processor: RTL8382M                                                                                                                                       |
|                             | Flash Capacity: 16M                                                                                                                                       |
|                             | Memory Capacity: 1024M(1G)                                                                                                                                |
|                             | MAC: 8K                                                                                                                                                   |