

# USER MANUAL

## U1 Voice POE (6+2 Ports) Sch./Ref. 1036/46



**Please do not connect the uplink with PoE port!**

**Manual version V1.0  
Code: SRD-UME1036/46-1016-V1.0**

---

## Preamble

Thank you for purchasing Urmet products. This document is the user manual of the U1 Voice POE (Ref. 1036/46). The user should read this manual thoroughly before operating the product U1 Voice POE.

## Disclaimer

The description, pictures, tables, etc. in this document have been written and verified to the best of knowledge and responsibility of the authors and editors. Nevertheless, mistakes concerning the content are possible. Therefore, all content is not liable to any duties or guarantees. The authors, editors and publishers do not take any responsibility or liability for failures and their consequences. You are always welcome to indicate possible mistakes.

This manual is subject to change without notice.

## Copyright

Copyright © 2014 Urmet Electronics Limited

All rights reserved.

This manual is protected under international copyright laws. No part of this publication may be reproduced or used in any form, or by any electrical or mechanical means, without permission in writing from Wasp Technologies. This includes electronic or mechanical means, such as photocopying, recording, or information storage and retrieval systems, without the prior written permission of Urmet Electronics Limited.

## Product Description

1036/46 is non-network Ethernet switching which all ports support Auto MDI/MDIX function, provides a simple, economical, high-performance, seamless standard network solutions method, with the use of simple, flexible, easy installation, superior performance, cost-effective features, is the ideal choice for you to improve speed of service.

1036/46 can power centralized directly to the wireless POE AP, network camera, not need configuration, plug and play, can be used after the power supply.



- 1) Connection between two 1036/46: connect PoE port with PoE port only, or uplink port with uplink port only. Never connect PoE port with uplink port.**
- 2) Connection between 1036/46 with any other PoE switches: connect uplink port with uplink port only.**

## Product Features

- Compliance with IEEE802.3, IEEE 802.3u standard
- Full-duplex IEEE 802.3x standard using half-duplex Back Pressure standard
- Supports adaptive RJ-45 ports and 24V power supply
- Supports port auto MDI/MDIX feature
- Personalized design for 6-port POE power supply, two parallel ports on the uplink ports for convenient easy wiring
- Lightning handle on uplink ports
- Power input Support 12 ~ 24V
- Transmission using storage and forwarding mechanism to provide full wire-speed forwarding rate, and ensure data integrity

- Automatically maintains a list of MAC addresses to support bidirectional address learning
- Each port provides independent bandwidth providing true non-blocking transmission
- Dynamic LED lights provide a simple working condition and troubleshooting tips

## Product Specification

Standard	IEEE802.3 10BASE-T Ethernet IEEE802.3u 100BASE-TX Fast Ethernet IEEE802.3af POE Ethernet power supply standards
Agreement	CSMA/CD Ethernet
Data transfer rate	Data transfer rate Ethernet: 10Mbps (half duplex) 20Mbps (full duplex) Fast Ethernet: 100Mbps (half duplex) 200Mbps (full-duplex)
Topology	Star
Physical Medium	10BASE-T: 3,4,5 unshielded twisted pair EIA / TIA-568 100 ohm unshielded twisted pair Category 5 unshielded twisted pair or above EIA / TIA-568 100 ohm unshielded twisted pair \
Bandwidth	1.6G
Ports	All ports can provide network data. Port 3-8 provide Power over Ethernet (PoE). Port 1-2 are up-link ports.
POE supply power	24V
Each port limit current	500mA max
Supply power mode	12+36-
Each port	Support AF / AT maximum support 12w
LED	Power indicator, fault indicator, ACTIVE indicator
Transmission	Store and Forward

MAC address learning	Automatic learning, automatic updates
Maximum storage address	2K
Packet filtering rate	10BASE-T:14880pps/port;100BASE-TX:148800pps/port
Packet forwarding rate	10BASE-T:14880pps/port;100BASE-TX:148800pps/port
Power input	( AC100-240V-50-60HZ,DC24V )
Working temperature	-5~55°C
Storage temperature	-40 ~ 70°C
Humidity	5%~95% Non-condensing
Size	Product: mm (LxWxH) packaging size:160X94X30mmMM
Weight	0.5KG (not including the power adapter)