

# ONT 970/4GE2SW

## 4GE+2FXS+WiFi Passive Optical Network Terminal



- Complied with ITU-T G.984/988
- Supports the PON transmission rate of downlink 2.5Gbp/ uplink 1.25Gbps
- Supports VLAN, STP, port isolation, ACL, QoS and Broadcast Storm Control
- Supports DBA and Rate-Limit
- Supports advanced dynamic bandwidth distribution and accurate bandwidth limit
- Supports QOS function
- Supports the standard OMCI defined by ITU-T, including configuration, alarm, performance monitoring, fault isolation and security management
- Support 802.af/at, working temperature can reach up to 70°C

TAINET ONT 970/4GE2SW is a smart HGU with 4 gigabit ports with wireless and voice function. It is oriented for the integrated multi-service network. TAINET ONT 970/4GE2SW is complied with the international standard ITU-T G.9844/988.

TAINET ONT 970/4GE2SW is with Excellent Access Capacity, Secure Service Carrying Ability, High Service Control Capability, Rich OMCI Functions, Complete Interaction Capacity and Advanced Energy-saving Technique.



## ONT 970/4GE2SW – Optical Network Terminal

- ONT 970/4GE2SW: 4\*GE, 2\*FXS, WiFi, 1\*USB2.0

### PON Interface

- Downlink 2.5Gbps / Uplink 1.25Gbps
- Network covering radius: 20km
- Optical Rx sensitivity: -28dBm
- Optical TX power: 0.5~5dBm
- SC/UPC

### Data forwarding

- Routing mode, Bridging mode, Routing + Bridging mode

### DHCP

- DHCP server

### Voice function

- SIP, H.248

### Standards

- ITU-T G.984/G.988
- IEEE 802.1D Spanning Tree
- IEEE 802.1Q VLAN
- IEEE 802.1w RSTP
- ITU-T Y.1291
- Q/CT 1923
- 1/CT 1927

### WIFI

- 802.11b/g/n, 300Mbps
- Multi-SSID
- DDIS encryption

### Multicast

- IGMP Snooping
- MLD-Snooping

### Reliability

- Loop detection
- Dying – Gasp

### QoS

- Backpressure flow control (half duplex)
- IEEE 802.3x flow control (full duplex)
- Head of Line (HOL) mechanism
- IEEE 802.1p CoS
- Four priority queues on each port
- WR SP and FIFO
- Port rate limit

### Security

- Limitation to the number of MAC addresses on the port
- Port protection
- Port storm control
- DOS prevention attack
- Port scan prevention

### Management

- CLI, Web, SNMP, Telnet and TR069
- Software upgrade through TFT, WEB, TR069 or OLT
- Local syslog or server syslog

### Dimensions

- 230(W) x 140(D) x 34.9(H) mm

### Heat dissipation

- Supports long-time use (For instance, 24 hours)
- The device running hot will not affect its performance or cause it break down

### Environment

- Operating temperature: 0°C ~ 45°C; 10% ~ 90% non-condensation
- Storage temperature: -40°C ~ 85°C; 5% ~ 95% non-condensation

### Power Supply

- Input Rated Voltage: DC12V/1.5A (external adaptor power supply)
- Power consumption: <15W

