16-port SOHO Gigabit switch, VLAN, Plug and Play
Live-16GTM

airli▾e®

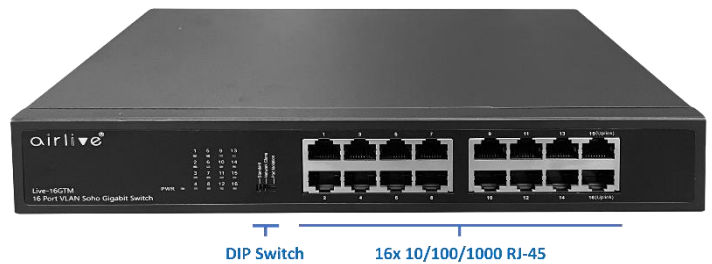| Gigabit RJ45	16-Port	Plug & Play
Hardware VLAN	Flow Control	Surge / ESD protection

Overview

More than just a Plug-and-Play 16-Port Gigabit Switch VLAN and Flow Control supported

Designed as plug-and-play unmanaged Gigabit switch, the price of AirLive Live-16GTM switch is very affordable. Moreover, it provides additional and useful functions such as Port Isolation/VLAN Security and Flow Control that you can set easily by its DIP switch. The Gigabit switch is easy to manage and maintain with its fan less design and desktop size, the product can be widely used in home, SOHO office, or as client switch for SMB.

Features

- 16-port, each port delivers Gigabit high speed
- Port Isolation/VLAN Mode: Enhanced Security
- Flow Control
- Setting easily by hardware DIP switch
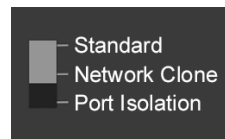- Surge Protection; ESD Protection

DIP Switch   16x 10/100/1000 RJ-45

Additional Functions
Setting by DIP Switch easily

Standard
Network Clone
Port Isolation

DIP Switch Control

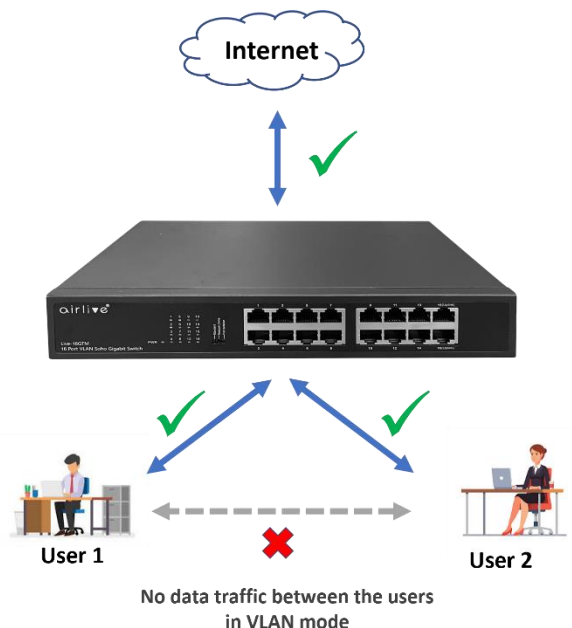### Port Isolation/VLAN Mode: Enhance Security

This additional feature gives the switch extra security for the users connected to it. The VLAN mode works as Port isolation, meaning that when it's enabled the users connected to the LAN ports cannot communicate with each other but only communicate with the Uplink ports (port 15/16). This way there is an extra layer of security and data will not be shared between the users. This can be used in a small office to separated guests from the company network or in a home to separate tenants.

Network Clone/Flow Control: Maintain Stable Connectivity

The IEEE802.3x flow control function of all ports is disabled, which is suitable for some environments that use broadcast or multicast to transmit data, such as school video teaching, Internet café, etc

Internet

User 1   **User 2**

No data traffic between the users in VLAN mode

Application: VLAN Security

Specification

Model	AirLive Live-16GTM

Hardware

- **Device Interface:**
  16 x 10/100/1000Mbps RJ45, Auto MDI/MDI-X
- **Standard**
  IEEE802.3u 100Base-TX
  IEEE802.3ab Gigabit 1000Base-T
  IEEE802.3x
- **LED Indicators**:
  PWR (power supply), Link (Network Link)
- **Lighting Surge Protection:**
  IEC61000-4-2 (ESD), IEC61000-4-5(Surge)
  Power:CM±4kV/DM±2kV; Port: ±4kV , ESD: ±8kV
  Contact discharge, ±15kV Air discharge
- **Mechanical**
  Metal

Switch Architecture | Performance

- **Switching architecture: Store and Forward**
  Switch Capacity: Back-plan up to 32Gbps
  Pack forward rate; 23.88Mpps
  MAC Address: 8K
  Jumbo Frame: 10K
  Transfer mode: Store and forward

DIP Switch Control

- **Port Isolation/VLAN:** Port isolation mode. In this mode ports (1~14) cannot communicate with each other and can only communicate with the UP-Link port 15/16.
- **Standard:** Normal mode, all port can communicate with each other, the transmission distance is within 100m, the transmission rate is 10M/100/1000M adaptive.
- **Network Clone:** The IEEE802.3x flow control function of all ports is disabled, which is suitable for some environments that use broadcast or multicast to transmit data, such as school video teaching, Internet café, etc..
- **Note:** Port Isolation and Network Clone mode cannot be used at the same time.

Power Supply

- **Power Supply**: AC 100~240V
- **Power Consumption:** Max power consumption <9.26W

Environment

- **Operating Temperature:** 0°C~+40°C
- **Storage Temperature:** -40°C~+70°C
- **Operating Humidity**: 10%~90%, non-condensing
- **Storage Humidity**: 5%~90%, non-condensing

Standard package of switch

- **Product size:**
  27 x 18.1x 4.4 cm(L*W*H)
- **Package size:**
  28.6 x 23.2 x 5.1 cm(L*W*H)
- **Product Weight/Package Weight**
  G.W:1.42kg
- **Package content**:
  1 x Switch, 1 x Power Cable

Standard carton package

- **Quantity:** 12 pcs / 1 carton
- **Dimensions**
  57 x 29.7 x 31 cm
- **Carton Weight**
  18.5Kgs

Ordering Information

- **Model:**
  Live-16GTM: 16 x 10/100/1000Mbps RJ-45 Switch
- **Name:**
  16-port Gigabit Switch, VLAN, Plug and Play

* Specification will be changed without prior notice