2.5Gbps Base-T Multi Gigabit Switch, VLAN, Plug and Play
26-Port Multi Giga incl 24 x 2.5G RJ45, 2 x SFP+ 10G
Live-2TX2402

airlive®

24-port 100/1000M/2.5G	**Multi-Gigabit** Auto-negotiation	**Cat.5e cable** suitable
2x 10G SFP+ Uplink	**ESD** protection	**Plug and Play**

Overview

Painless Upgrading your Network Connection to 2.5Gbps & SFP+ 10G Super High speed

The AirLive Multi-Giga switch, Live-2TX2402, supports 24 RJ45 and 2 SFP+ ports for delivering up to 2.5Gbps extra high-speed connection on RJ-45 and 10G SFP+ on fiber optic. With the 2.5G multi-Giga switch, you can connect to a variety of 2.5GbE-enabled devices, such as NAS | NVR | PC | Server | Laptop, for enjoying faster experience and handle bandwidth-hungry applications. Moreover, it provides additional and useful functions such as VLAN Security that you can set easily by its DIP switch. Designed in a slim sized solid housing, it's an affordable, space-saving solution suitable to Home and SMB network applications.

10/100/1000/2500Mbps RJ-45 Port

Push & DIP Switch

1/2.5/10G SFP+ Port

Multi Gigabit for Interconnect

With the AirLive Live-2TX2402 2.5Gbps switch, it is possible to connect several high-speed devices together via RJ-45 connections using a normal Cat.5e network cable. Higher bandwidth improves the playback quality of 4K/8K videos, prevents lag for Gaming, smooths speed when download or upload large data, increases data transfer speed when doing backup to a NAS drive. Use the 10G SPF+ as uplink to a larger network with higher speed.

Features and Specifications

AirLive Live-2TX2402 2.5Gbps Switch with SFP+ 10G
- 24 x 10/100/1000/2500Mbps RJ45
- 2x 10G SFP+
- All ports at Multi Gigabit high speed, auto-negotiation
- Providing satisfied bandwidth for various network devices, such as online gaming, multi-media, NAS, Server system
- Super Fast 2.5Gbps RJ-45 and 10Gbps SFP+ Networking
- Existing Cat5e cable suitable, painless upgrading
- VLAN Mode: Enhanced Security
- Plug and Play, Zero configuration
- Compact size for Home or SMB Network Connectivity

2.5 Times Faster
2.5GbE is 2.5 times faster than standard Ethernet (1GbE), upgrade network performance to boost productivity.

2.5x

Video Streaming
Higher bandwidth improves the playback quality of 4K/8K videos.
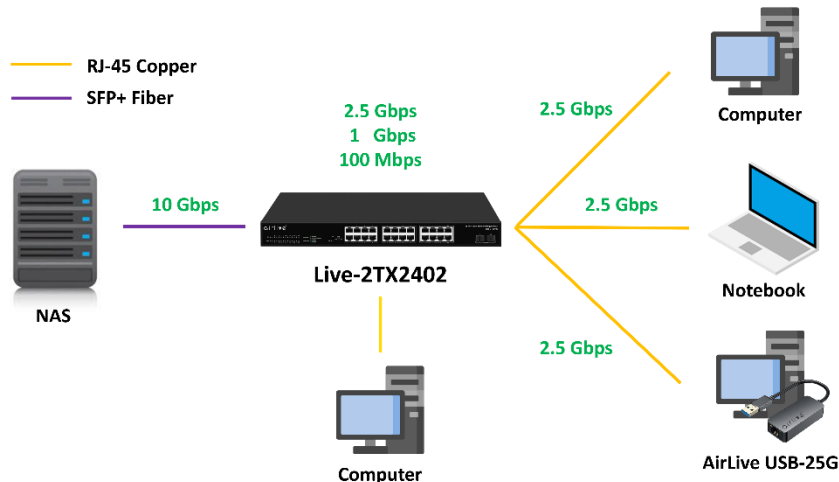
Works with existing cables

Cat 5e

No special cables or connectors are required to take advantage of 2.5GbE. Simply use your existing CAT5e cables as normal with your new 2.5GbE infrastructure.
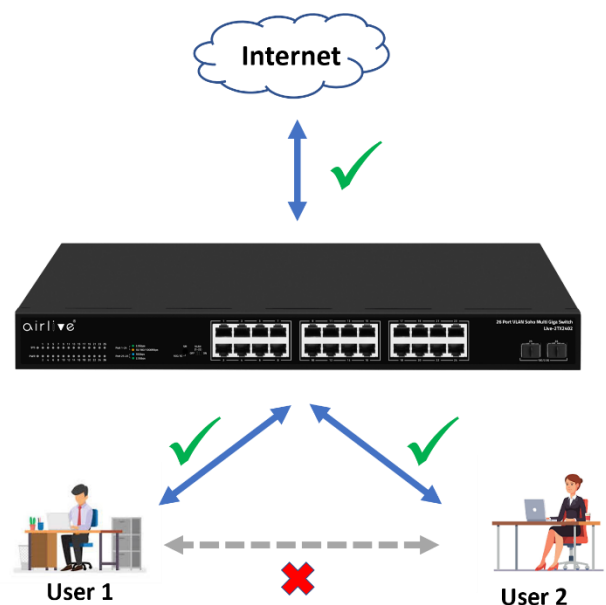
Gaming

No lag when you are Gaming.

— RJ-45 Copper
— SFP+ Fiber

2.5 Gbps
1 Gbps
100 Mbps

2.5 Gbps — Computer

10 Gbps

Live-2TX2402

NAS

2.5 Gbps — Notebook

2.5 Gbps — AirLive USB-25G

Computer

Built for High-Speed connectivity

VLAN Mode:

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 UP-Link ports (port 23~26). 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.

Internet

✓

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User 1 ✓   ✓ User 2

❌

No data traffic between the users in VLAN mode

Application: VLAN Security

Specification

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Model	AirLive Live-2TX2402

Hardware

- **Device Interface:**
  24 x 10/100/1000/2500 RJ45
  2x 1.25G/2.5/10G SFP +
  26-port totally
- **Standard**
  IEEE802.3u 100Base-TX
  IEEE802.3ab Gigabit 1000Base-T
  IEEE802.3bz 2.5GBase-T
  IEEE 802.3z 1000BASE-X Gigabit Ethernet (optical fiber)
  IEEE 802.3ae 10G Ethernet (optical fiber)
  IEEE802.3x Flow Control and Back Pressure
- **Industry standard compliant**
  EMI: FCC Part 15 CISPR (EN55032) class A
  EMS: EN61000-4-2 (ESD), IEN61000-4-5 (Surge)
- **LED Indicators**:
  PWR (power supply), Link/Act (Indicator), 2.5G (Indicator).
- **Lightning Surge / ESD Protection**:
  Support Surge Protection: Common Mode 6KV, Differential Mode 2KV (Class C); ESD air 8KV, Contact 6KV (Class C)
- **Mechanical**
  Solid Metal Housing, Desktop

Power

- **Power Input:** AC 100~240V

Switch Architecture | Performance

- **Switching architecture: Store and Forward**
  Switch Capacity: Back-plan up to 160Gbps
  Packet Forwarding Rate; 119.04Mpps
  MAC Address: 16K
  Transfer mode: Store and Forward
  MTBF:100000 hour

DIP Switch Control

- **VLAN:** Port isolation mode. In this mode ports (1~22) cannot communicate with each other and can only communicate with the UP-Link ports 23~26.
- **Default:** Normal mode, all port can communicate with each other.

SFP Switch Control

- **SM:** SFP default speed for port 25~26 is 10G/2.5G, when you press the SM switch for about 10s, The SFP ports will change to support 10G/1G.

- **Transmission Distance**
  10Base-T: Cat3,4,5 UTP(≤250 meter)
  100Base-TX: Cat5 or later UTP(150 meter)
  1000Base-TX: Cat5e or later UTP(150 meter)
  2500Base-TX: Cat5e or later UTP(150 meter)
- **Fiber Medium:**
  1000BASE-SX: 62.5μm MMF (multi mode)
  (Minimum range：2m～275m) or 50μm MMF
  1000BASE-LX: 62.5μm/50μm MMF
  (Minimum range：2m～550m)or 10μm SMF
  (Minimum range：2m～5km)
  2500BASE-X: G.652D SMF (Single mode)
  (Minimum range：2m～500m or 2m～5Km)
  10GBASE-SR: OM1/OM2/OM3 or above MMF
  (Operating range：2m～300m)
  10GBASE-LR: IEC B1.1 and B1.3 SMF
  (Minimum range：2m～10km)

Environment

- **Operating Temperature:** 0°C to +40°C
- **Storage Temperature:** -40°C to +70°C
- **Working Humidity**: 10%~90%, non-condensing
- **Storage Humidity**: 5%~95%, non-condensing

Standard package of switch

- **Product size:**
  44.0 x 20.4 x 4.45 cm(L*W*H)
- **Package size:**
  50.0 x 29.0 x 8.5 cm(L*W*H)
- **Package Weight:**
  N.W: 2.61Kgs; G.W: 3.12Kgs
- **Package content**:
  1 x Switch, Power cord, 1 x QIG.

Standard carton package

- **Quantity:** 5pcs / 1 carton
- **Dimensions**
  52.0 x 44.5 x 31.0cm (L*W*H)
- **Weight**
  16.6Kgs (G.W)

Ordering Information

- **Model:**
  Live-2TX2402
- **Name:**
  26-port 2.5Gbps Multi Gigabit Switch, incl. 24 x 2.5G RJ45 and 2x SFP+ 10G, Plug and Play, Auto-Negotiation
- **Related product**
  AirLive USB-25G USB3.1/3.0 to 2.5Gbps Base-T adapter

* Specification will be changed without prior notice
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