

ST- 129 -N



Introducción

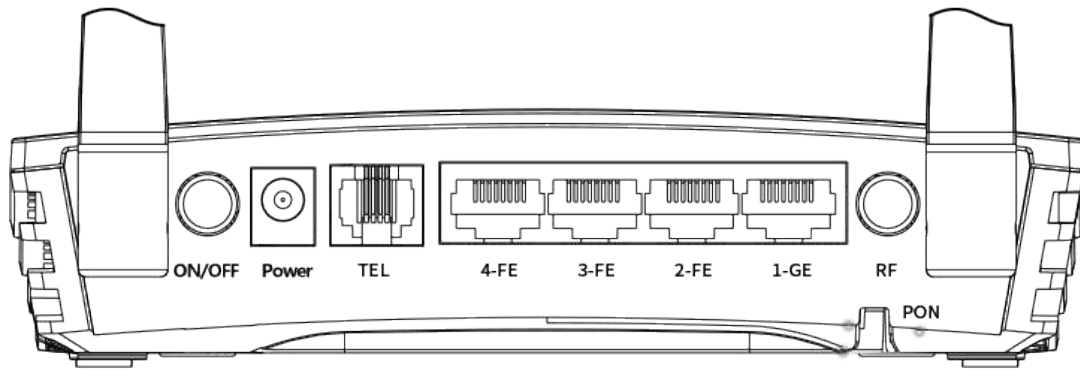
El **ST-129-N** es un rápido, conveniente, flexible, seguro y altamente integrado dispositivo GPON para conexiones de banda ancha.

Provee las siguientes interfaces: **tres FE, una GE, una para CATV, una de VoIP, y una para WiFi**, es un terminal muy adecuado para usuarios de hogares y pequeñas empresas y cumpliendo con todos los requerimientos de las redes FTTH de alta velocidad de transferencia de datos.

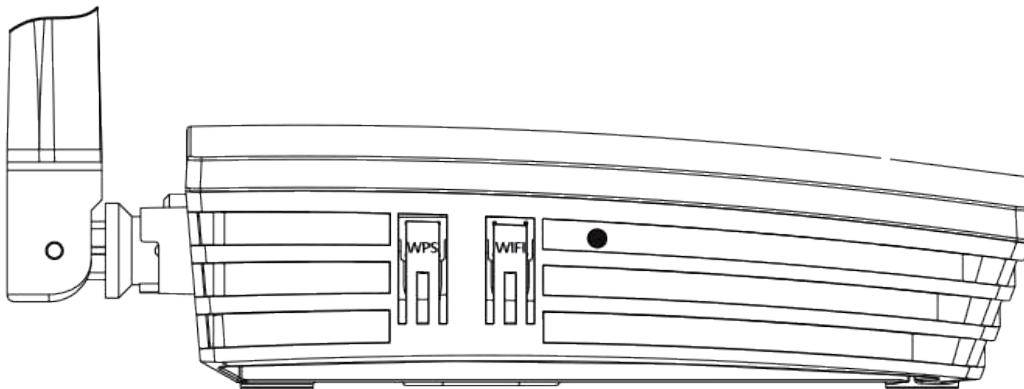
Características

- Puerto GPON integrado, conforme con el estándar del ITU-T G.984; Servicios efectivos, provee interfaces de red 10/100/1000M RJ-45, para actualizar las redes existentes sin problemas.
- El mecanismo DBA (Dynamic Bandwidth Allocation) habilita a todos los usuarios a compartir de manera razonable el ancho de banda, garantizando el QoS.
- Soporta multicast IGMP, para hacer uso efectivo del ancho de banda.
- Soporta multicast VLAN.
- Soporta OMCI management protocol, incluyendo configuración, alarmas, monitoreo de performance, fault isolation y security management, etc; soporta remote management a través de la OLT.
- Soporta FEC y DBA.
- Soporta el protocolo IEEE802.1Q VLAN.
- Soporta el protocolo IEEE802.1p.
- Soporta loopback remoto y diagnóstico de estado de red.
- Soporta control de "cyber storm".

Definición de las interfaces y LED del producto



Interface / Switch	Instructions
Switch	Control equipment power on or off
Power supply	Connect to the output connector of the adapter
TEL	Use telephone line to connect to ordinary telephone
4-100 MBPS / 3-100 MBPS 2-100 MBPS / 1-100 MBPS	Used to connect computers or other network devices
PON	Fiber line outlet
RF	Support



Interface / Switch	Instructions
WPS	Light touch key switch, used to establish a secure WLAN connection
Wireless function	Light touch key switch, used to establish a WLAN connection
Reset	It is used to restore factory Settings. When the device is working, press and hold the reset button for 10 secs. and release it, the device will restart, which will cause the user to lose the configuration

Specifications

Model	ZC-520T
User interface	3*10/100M RJ45, 1*10/100/1000M RJ45, 1*CATV, 1*VoIP, 1*WiFi
PON	Transmission speed: upstream 1.25 Gbps / downstream 2.5 Gbps Network coverage radius: 20km Optical receive sensitivity: ≥ -28dBm Luminous power: <0 dBm Security: ONU authentication mechanism
Wi Fi	IEEE 802.11 b/g/n Wi Fi (300 Mbps)
Protocol	Compliant with IEEE 802.3ah YD/T 1475-2006 IEEE 802.1D, Spanning Tree IEEE 802.1Q, VLAN IEEE 802.1b/g/n IEEE 802.1w, RSTP IEEE 802.3ad (LACP) Ethernet-II, Ethernet-SNAP
VLAN	Port-based VLAN GVRP IEEE 802.1Q VLAN
QoS	Backpressure flow control (half-duplex) IEEE 802.3x flow control (full-duplex) Prevent head of line WR, SP queue scheduling algorithm Port rate limit
Security	IEEE 802.1x, access control based on port; support local and remote RADIUS CHAP, EAP certification Storm control, port protection
Management	Support various management modes such as Web, TELNET Support debug function
Environment	Operating temperature: 0°C - 60°C Operating humidity: 10% - 85% (no-condensation) Storage temperature: -40°C - 80°C Storage humidity: 5% - 95% (no-condensation)
Power supply	Input AC 110 - 240V Output DC 12V / 1A
Power Consumption	12W