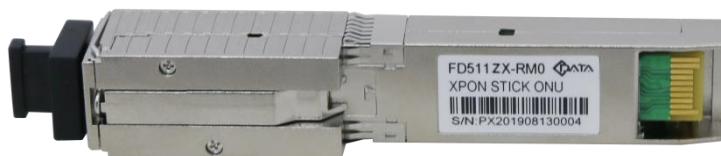


FD511GX-ZM0 Dual-Mode Stick ONT



Overview

The FD511GX-ZM0 is a dual-mode stick ONT packaged by SFP, which integrates the PON MAC function of the ONU. The module ONU can be plugged into the designated main device, such as switches, IP cameras, Small Cells, routers, DSLAMs, or other devices, so that they have the GPON or EPON uplink interface, thus transforming the original network into a GPON or EPON network, which can reduce the difficulty and cost of the network transformation.

Features

- Fully compatible with ITU-T G.984.1/2/3/4 and IEEE802.3ah standard
- The product is small in size and light in weight
- Support LOID authentication mode
- Support dying Gasp function
- Support optical link diagnostic function
- Support restoring factory function
- Support IEEE802.1Q protocol
- Support different VLAN mode (transparent, tag, translate, and trunk)

Specification

Parameters	Specification
PON Interface	GPON/EPON mode adaptive

	1*GPON port, FSAN G.984.2 standard, support for backward compatibility with EPON SC/PC single mode fiber Wavelength: Tx 1310nm, Rx1490nm Tx Optical Power: 0.5~5dBm Rx Sensitivity: -28dBm Saturation Optical Power: -8dBm
Management Mode	Standard compliant OMCI interface as defined by ITU-T G.984.4 and IEEE802.3ah
Power consumption	<2W
Environment	Operating Temperature: 0~50℃ Storage Temperature: -40~85℃ Operating Humidity: 10%~90%(Non-condensing) Storage Humidity: 10%~90%(Non-condensing)

Network Application

- ✧ Solution: FTTB/N
- ✧ Business: Broadband Internet, Camera

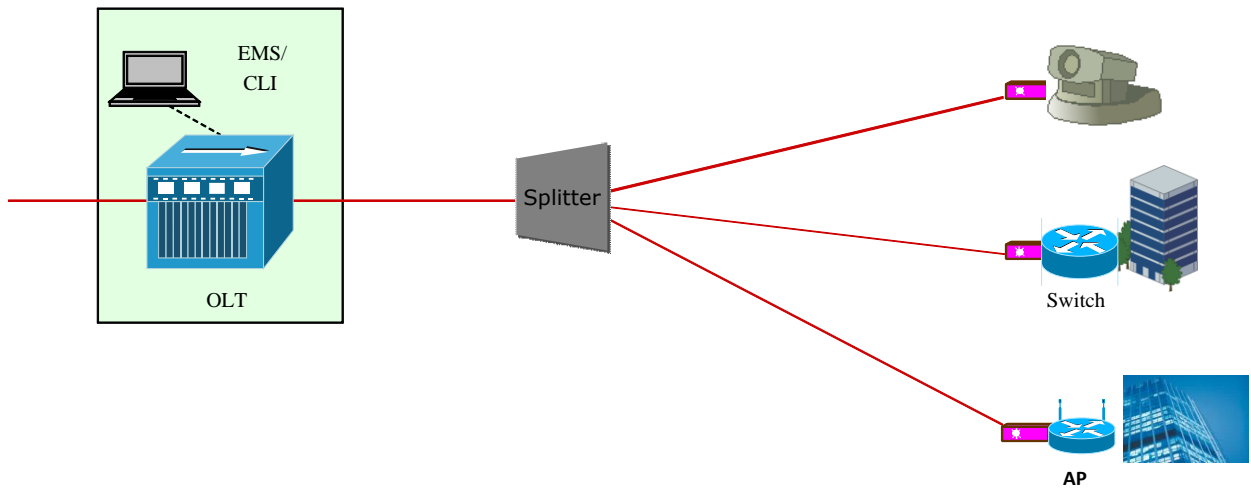


Figure: FD511GX-ZM0 ONU Application Diagram

Ordering Information

Product Name	Product Model	Descriptions
XPON Stick ONU	FD511GX-ZM0	XPON stick SFP modules, one PON optical interface, SC/UPC receptacle connector , TX 1310nm , RX 1490nm , 20Km, Mini GBIC interface