

# GPON Device Intelligent Technical Parameters



## Overview

This document covers the configuration of essential GPON parameters required for ONT authentication and proper operation with OLTs. These parameters include serial numbers, PLOAM passwords, vendor identification, and equipment metadata that must be correctly set for successful GPON. The PON system parameters allow you to to configure and manage the PON system. 3ah standard in 2004, which can support the transmission rate of 1. EPON modules are divided into classes PX10 and PX20, with specific parameters as follows: With the. The Huawei OptiXstar EG8145X6-10 is an intelligent GPON and Wi-Fi routing-type ONT. Huawei EchoLife series provides intelligent routing-type Optical Network Terminals (ONT) in Huawei's FTTH solution that provides ultra-broadband access for home users by using GPON technology.

## GPON Device Intelligent Technical Parameters



It is mainly used to query the alarm monitoring of GPON optical module parameters and optical module parameters in real time. When the optical line problem occurs in the GPON system, these functions ...



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Features available for GPON OLT products may vary due to your region, hardware version, and device model. All images, steps, and descriptions in this guide are only examples and may not reflect your ...



This document details the specifications and features of this intelligent broadband gateway, including its smart service functionalities, advanced interconnection options, and robust operational and ...



Huawei EchoLife series provides intelligent routing-type Optical Network Terminals (ONT) in Huawei's FTTH solution that provides ultra-broadband access for home users by using GPON technology.



The Huawei OptiXstar EG8145X6-10 is an intelligent GPON and Wi-Fi routing-type ONT. It uses the GPON Wi-Fi technology to implement ultra-broadband access, high performance and wide coverage ...



To enable the router to communicate with an upstream optical line terminal (OLT), you must correctly configure attributes of the GPON interface connected to the OLT.

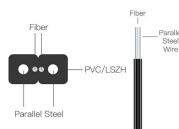


GPON Port Class B+ Receiver sensitivity: -27dBm  
Wavelengths: US 1310 nm, DS 1490 nm  
Wavelength blocking filter (WBF)



Active  
Optical  
Cable

The document also analyzes key GPON standards and specifications, describes the GPON network model reference, and reviews basic GPON performance parameters and network protection modes.



Discover key PON module parameters for selecting the best GPON and EPON modules. Understand their impact on network performance and make informed choices.



All about our OLTs Our plug-and-play OLTs (Optical Line Terminal) are high-performing, active Ethernet aggregation devices that serve endpoint for passive optical networks. OLTs need for multiple layer 2 ...

## Contact Us

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