



ISCOM HT801-XGSFP

The ISCOM HT801-XGSFP is a symmetrical XGS-PON ONT Stick with XGS-PON MAC. Encapsulated in SFP+ form factor, it can act as a miniature XGS-PON SFU ONT bridge independently and work against an XGS-PON OLT device. It can be flexibly inserted and deployed in any hosting devices that provide an open and standard SFP+ interface with adequate power consumption support.

HT801-XGSFP can help service providers and enterprise subscribers upgrade their existing network infrastructure to symmetrical XGS-PON based connection rapidly and conveniently with minimum extra cost, whilst maintaining most existing network equipment unchanged.

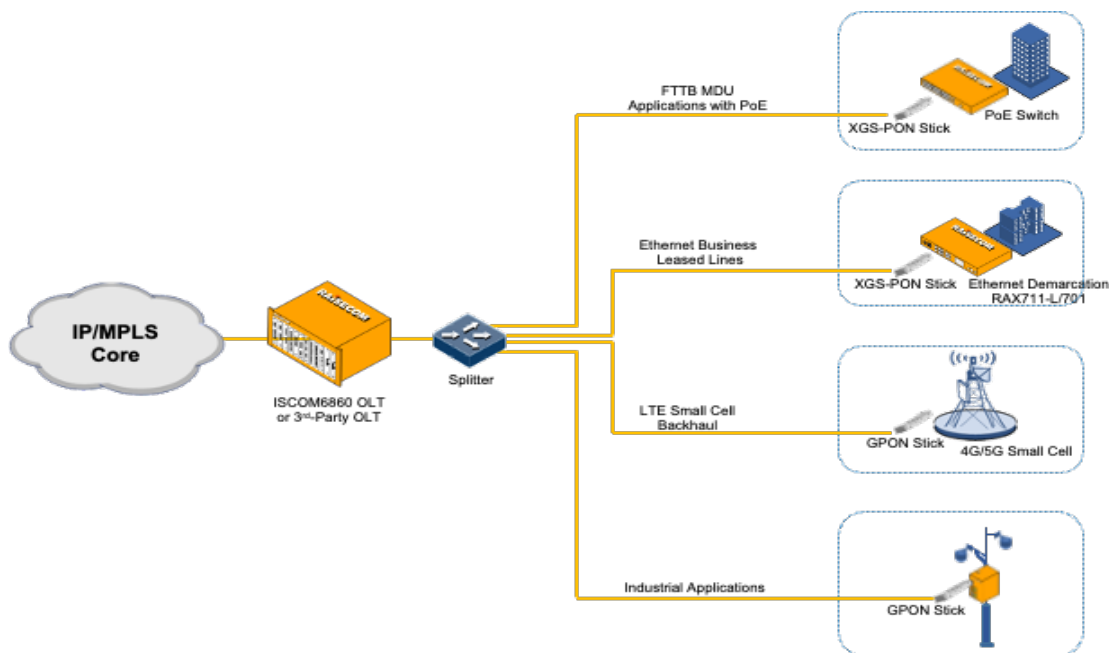
ISCOM HT801-XGSFP



Highlights >>

- Standard Compliant** ITU-T G.9807 standards
- Miniature Design** XGS-PON SFU functions integrated into an SFP+ form factor, flexibly inserted and deployed in open and standard SFP+ cages, minimizing network upgrade cost
- Extended Temperature** Supporting extended temperature range from -40 to +85°C for deployment in harsh environment
- Interoperation** Supporting standard OMCI based interoperation with 3rd-party vendor OLTs that are unlocked
- Management** Supporting Telnet and OAM management, as well as OMCI based management via OLT devices for batch configuration, profile configuration, and offline configuration

Application >>





Key Features >>

XGS-PON interface	<ul style="list-style-type: none"> ● Interface type (single-mode fiber): XGS-PON optical interface, SC/UPC ● Transmission rate: uplink 9.953 Gbit/s and downlink 9.953 Gbit/s ● Central wavelength: TX 1577 nm and RX 1270 nm ● Support two-way FEC ● Multiple authentication mode
10GbE interface	<ul style="list-style-type: none"> ● Port-based rate-limiting ● Port-based DLF, unknown multicast or broadcast storm control ● Port-based performance statistics
MAC	<ul style="list-style-type: none"> ● 4K MAC address table
VLAN	<ul style="list-style-type: none"> ● Support IEEE 802.1Q protocol ● Support VLAN tagging, translation, trunk mode and transparent forwarding
PON Protection	<ul style="list-style-type: none"> ● Type B protection ● Support Holdover time
IPv6	<ul style="list-style-type: none"> ● Support IPv6
Security	<ul style="list-style-type: none"> ● Support IEEE 802.1x authentication frame transparent forwarding
Maintenance and Management	<ul style="list-style-type: none"> ● Management by OMCI via OLT, Telnet and local CLI configuration ● Dual firmware images, supporting image integrity check and auto roll-back ● Common alarm report to OLT, including optical signal, voltage and temperature

Specifications >>

XGS-PON Interface	XGS-PON: SC/UPC
LAN Interface	10GbE (via SFP+ socket)
Power Consumption	Full load: < 3W (indoor temperature)
Operating Ambience	Operating temp: -40 ~ +85°C Storage temp: -40 ~ +85°C Relative Humidity: 10 ~ 90% non-condensing
Dimensions	87.5 (L) x 15.6 (W) x 13.75 (D) mm
Weight	≤ 37g
Receiving Sensitivity	-28 dBm
Saturation	-9 dBm
Laser Safety	Class I

Compliances >>

Standards & protocols	ITU-T G.9807
	ITU-T K.21
	EN60950-1/UL60950-1
	SFF-8472/SFF-8431
	IEEE 1613-2003
	FCC CFR47 Part 15 A/EN55022
	IEC 60825-1/IEC 60825-2
	RoHS
	CE compliance, EMC Class A

International Headquarters

Raisecom Building, East-11, No.10 Xibeiwang East Road,
Haidian District, Beijing, P.R.China, 100193
Tel: +86 10 8288 3305
Fax: +86 10 8288 3056
www.raisecom.com

U.S.A. Headquarters

Address: 3031 N. Rocky Point Drive West Suite 100
Tampa, Florida 33607 USA
Tel: 1-888-816-4808
Email: sales@raisecominc.com

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Ordering Information >>

ISCOM HT801-XGSFP Symmetrical XGS-PON Stick, SFP+ form factor, 10GbE LAN, SC-UPC, industrial temperature range
(Z.10(RC01))

International Headquarters

Raisecom Building, East-11, No.10 Xibeiwang East Road,
Haidian District, Beijing, P.R.China, 100193
Tel: +86 10 8288 3305
Fax: +86 10 8288 3056
www.raisecom.com

U.S.A. Headquarters

Address: 3031 N. Rocky Point Drive West Suite 100
Tampa, Florida 33607 USA
Tel: 1-888-816-4808
Email: sales@raisecominc.com

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