



#### Features

- Support Jumbo Frame
- Transparent Transport and very low delay
- Support ITUT prescribed DWDM/CWDM wavelength
- DIP switch to set different configurations
- Supports LFP function; ALS function; Working mode switching
- Support hot plugging
- Support 1U Rack (12 channel) and standalone use
- Full State Led display
- Easy installation
- Operating Temperature 0°C to 50°C

#### Description

XKTU, 10G Mini Media Converter, is high-performance 10G optical media converter, using Optical-Electrical conversion, realizes the optical signal equilibrium amplification, clock extraction and optical regeneration, and with WDM (DWDM/CWDM) technology can achieve optical signals transmit in a single fiber by single or multiple way over a long distance. On the existing network infrastructure, it can quickly improve the communication capacity, expand the bandwidth, while using low cost and high cost-effective solutions to manage and operate the system, easy operation and maintenance.

## Specification

Transmission Distance	Power Consumption: Full-load < 5 W SFP+, Distance depend on plug-in Fiber Transceiver Fiber: MM 300 m SM 20/40/60/80/120 km
Transmission Speed	100M/1.25G/2.5G/5G/10G
Protocols	IEEE802.3an (10Gbase-T) IEEE802.3ae (10Gbase-SR/LR/ER/ZR)
Transmission Speed	1.25G/2.5G/5G/10G
Interface Type	RJ45 To/From SFP+
DIP Switches	LFP function ALS function Working mode switching: rate following mode/Rate matching mode
Maximum Packet Forwarding Rate	14,880,950/s
Environmental Requirement	Operating Temperature: 0°C~50°C Storage Temperature: -10°C~70°C Relative Humidity: 5%~90% (Non-condensation) MTBF: 50,000h Enclosure: Metal
Power Supply Specifications and Dimensions	DC: 5 V ~ 12 V, 1/0.24 A Power Consumption: Full-load < 5 W Power consumption ≤ 2 W (without module)
Mechanical Structure	Dimensions: 90 mm(D) × 60mm(W) × 20mm(H) Weight: 120 g
Warranty	1 Year
Emissions	FCC Class A, CE Class A

## Ordering information<sup>1</sup>

Part number	Product Description
XKTU	10G mini optical media converter, 0°C~50°C

### Notes

<sup>1</sup> For accurate order specification please contact XenOpt reseller before placing an order. The content of this document is subject to change without notice. XenOpt does not guarantee errorless or outdated information.

Please specify any compatibility requirements at time of ordering. Standard MSA compatible pluggable components may not work or some function of these components may not be available in devices that require customized compatible devices. Pluggable components compatible with one type of communications equipment may not work in other type of communications equipment.

### Important Notice

Performance figures, data and any illustrative material provided in this data sheet are typical and must be specifically confirmed in writing by XenOpt before they become applicable to any particular order or contract. In accordance with the XenOpt policy of continuous improvement specifications may change without notice.

The product image is only for reference purpose

The publication of information in this data sheet does not imply freedom from patent or other protective rights of XenOpt or others. Further details are available from any XenOpt sales representative.

To find out more, please contact: