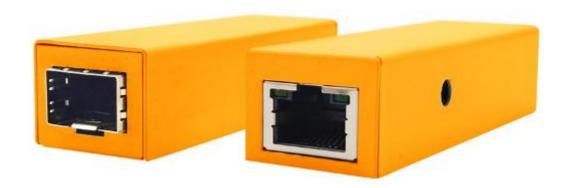
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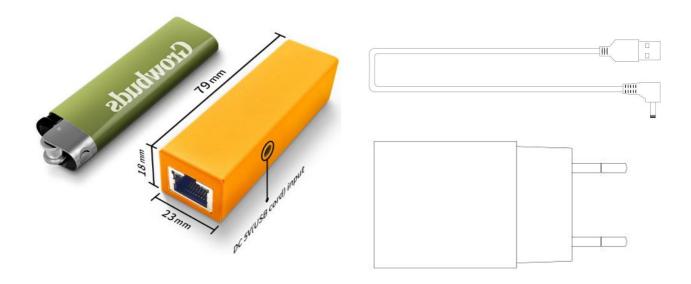
Ultra-compact Gigabit SFP Media Converter with AC to USB Adaptor and DC to USB Power Cord



Introduction

DS-MC1N-G0101Micro is the ultra-compact plug-and play 10/100/1000Base-T to 1000Base-X media converter which is designed for applications where compact size, light weight and low power are critical requirements. It can be easily installed in tight places or conveniently slip into any pocket or laptop carrying case for easy portability with its ultra-compact size (79*23*18mm) and ultra-light weight (57 g)

This ultra-compact media converter can be USB powered by USB 1.0 or 2.0 port, which is ideal for connections to fiber in areas where a spare power outlet may not be available. When plugged into a computer's USB port, the media converter shuts down automatically when you turn off the computer, which saves energy. So, this Ultra-compact media converter is an ideal solution for fiber-to-the-laptop where it needs Gigabit connectivity but local power isn't available. For applications not utilizing USB power, this converter is also available with a 5V AC/DC power adapter, providing compatibility with electrical outlet types.



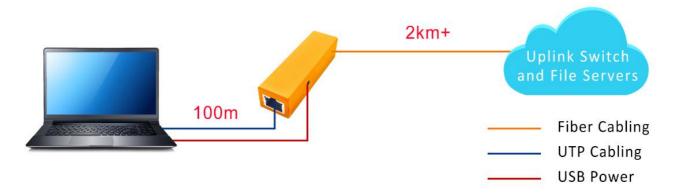
■ Features

- Ultra-compact size (79*23*18mm) and ultra-light weight (57g)
- 10/100/1000Base-T to 1000Base-X
- SFP slot for flexible long-distance transmission
- USB powered for easy portability or used with the included power adaptor
- Auto-negotiation
- Auto-MDI/MDIX
- Plug-and-Play
- Lower jitter
- Lower latency
- Ultra low power dissipation < 1.2W
- Support Jumbo frame 10Kbytes
- Support watchdog, automatically reboot if frozen
- Operation temperature: -20°C~70°C

■ Specification

Fixed port 1*1000 Base-X SFP, 1*10/100/1000 Base - T Power interface DC jack (3.5*1.35mm) LED Indicators Green LED link/act indicator Yellow LED 1000M link indicator Yellow LED 1000M link indicator Cable-type &Transmission Distance Twisted-pair 0-100m (CAT5e,CAT6) SFP slot Depending on the SFP module Electrical & Layer 2 Specifications Input voltage DC 5V Total Power consumption Full load≤1.2W MDX/MIDX Support Jumbo Frame Support 10Kbytes Watchdog Support Environment Operating temperature -20°C~70°C Storage temperature -40°C~85°C Relative humidity 5%~95% (non-condensing) Thermal methods Fan-less, natural cooling MTBF 100,000 hours Protection & Certification Surge protection of Ethernet port IEC 61000-4-5 Level 3 (2kV) (10/700us) ESD IEC 61000-4-2 Level 4 (8K/15K) Free fall 0.5m Certification CE/FCC/RoHS Mechanical Dimensions Product size 79*23*18mm Installation Method desktop Weight 579 Ref. Packaging 100pcs/ctn, Gross weight 16Kgs, ctn dim.57*48*30cm		
Power interface DC jack (3.5*1.35mm) LED Indicators Green LED link/act indicator Yellow LED 1000M link indicator Twisted-pair 0-100m (CAT5e,CAT6) SFP slot Depending on the SFP module Electrical & Layer 2 Specifications Input voltage DC 5V Total Power consumption Full load≤1.2W MDX/MIDX Support Jumbo Frame Support 10Kbytes Watchdog Support Environment Operating temperature -20°C~70°C Storage temperature -40°C~85°C Relative humidity 5%~95% (non-condensing) Thermal methods Fan-less, natural cooling MTBF 100,000 hours Protection & Certification Surge protection of Ethernet port IEC 61000-4-5 Level 3 (2KV) (10/700us) ESD IEC 61000-4-2 Level 4 (8K/15K) Free fall 0.5m Mechanical Dimensions Product size 79*23*18mm Installation Method desktop Weight 57g	Port Interface	
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Miniature Media Converter - Fiber to the Laptop



■ Dimension

