



GMC-2U

Unmanaged Gigabit SFP Media Converter

- Configurable Link-Fault-Pass-Through and fiber auto/force mode
- 8192 MAC addresses
- Supports 802.3/802.3u/802.3ab/802.3z/802.3x. Auto-negotiation and Auto MDI/MDIX.
- Full wire-speed forwarding rate
- Supports 10k Jumbo packet size
- Suitable for traffic control and industrial applications in hazardous environment



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Introduction

IRITEL GMC-2U Hardened SFP Media Converter provides solution for rugged environments, transportation roadside cabinets, industrial shop floors, multi tenant dwellings or Fiber To The Home (FTTH) applications. Capable of operating at temperature extremes of -20°C to +60°C, this is by far the media converter of choice for harsh environments in which space constraints exist.

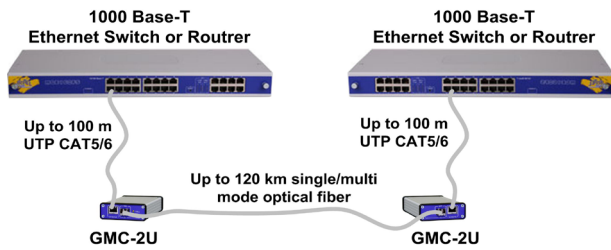
Plug-and-Play Solution:

The hardened media converter is a plug-and-play compact media converter which doesn't have any complicated software to set up.

Applications

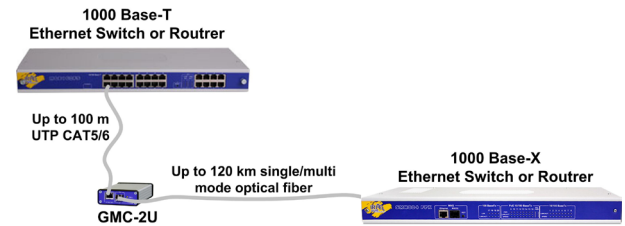
Network distance extension

Extend the network distance between two twisted pair Gigabit Switches and/or a Gigabit File Servers with 1000 Base-T interfaces.



Fiber Mode-Conditioning

Gigabit Fiber Mode-Conditioning and/or extend the network distance between two twisted pair Gigabit Switches and optical Gigabit Switches/File Servers.



Technical data

Connecting Ethernet Ports

- Connect copper port
 - Plug RJ-45 jack
- Connect optical port
 - Use SFP transceivers supplied by IRITEL or other manufacturers of MSA compliant SFPs.
 - Insert 1G SFP module into the cage.
 - Plug optical connector into the SFP.

Supports Desktop, DIN-Rail, Panel, or Rack Mounting installation

Specifications

Applicable Standards		IEEE 802.3 10Base-T
		IEEE 802.3u 10Base-TX
		IEEE 802.3ab 1000Base-T
		IEEE 802.3z 1000Base-SX/ LX/ BX
Fixed Ports		One copper port, one fiber port
Speed	10Base-T	10/20Mbps for half/full-duplex
	10Base-TX	100/200Mbps for half/full-duplex
	1000Base-T	2000Mbps for full-duplex
	1000Base-SX/LX/BX	2000Mbps for full-duplex
Cable 1000Base-T		4-pair UTP/STP Cat. 5 up to 100m
Fiber 1000Base-X	Multi mode	50 or 62.5µm
	Single mode	9 or 10µm
LED Indicators	Per unit	Power Good (PG)
	Fiber port	Link and Activity (LINK/ACT)
	Copper port	Link and Activity (LINK/ACT)
		Speed 10/100/1G (SPEED)
Dimensions	Width	78mm
	Depth	27mm
	Height	120mm
Weight		220.5 gr
Power	DC Jack	5VDC, External AC/DC required
	Max. Current	0.88A
Power Consumption		3W
Operating Temperature		-20°C ~ 60°C
Storage Temperature		-40°C ~ 85°C
Humidity		5 ~ 95%, non-condensing