

# Fiber Media Converter Datasheet

## FC-1GT1GP-20SC(TR)-IN

### Overview

Ethernet optical fiber transceiver can efficiently realize the conversion between 1000M Ethernet electrical port and fiber port. It can carry out long-distance data and video signal transmission via optical fiber, which is convenient for network upgrading and flow control. Adopt international advanced chip and design to ensure the stability and practicability. With ultra low transmission delay and line speed forwarding ability, it can realize flexible Ethernet expansion even in harsh environment. Use standard international optical and electronic components to ensure reliable and stable operation.



### Features

- Built-in high efficiency switching core to achieve flow control and reduce broadcast packet
- Automatically adapt to 10/100/1000Mbps network environment, free conversion network upgrade
- Support full-duplex and half-duplex transmission mode, automatic negotiation
- Support 9216 byte packets, monitoring and transmission more smooth
- Complete power link, working mode indicator light, working state at a glance
- low power consumption, low heat, long time stable work, network security advanced

### Specifications

Model	FC-1GT1GP-20SC(TR)-IN
Hardware Specification	

Ports Type	1*10/100/1000M RJ45 port 1*1000M fiber ports port
Switching capacity	4Gbps
Forwarding performance	2.976Mpps
MAC	2K
Jumbo Frame	9216bytes
Power Supply	Adapter input voltage : AC 100-240 V Media Converter input voltage: DC 5V
Cooling Fans	0
Indicator	<p>PWR ( power supply ) Lighting: Powered Un-Light: No Power</p> <p>1000M ( Network Link ) Lighting: 1000M Link</p> <p>100M ( Network Link ) Lighting: 100M Link</p> <p>FX ( Optical Link/Act ) Lighting: Optical Link ON Flashing: Data transmission Light off: Link disconnect</p> <p>TX ( Network Link/Act ) Lighting: Link connected Flashing: Data transmission Light off: Link disconnect</p>
Operating Temperature	-20 to 50°C
Operating Humidity	10% ~ 90%, non-condensing
Storage Temperature	-40°C to 70°C
Storage Humidity	5% ~ 95%, non-condensing
<b>Hardware Specification</b>	
Transmission Distance	20KM
Structure Size	<p>Product Size: 94*70*26mm Package Size: 245*190*60mm Product Net-Weight: 0.2*2kg Product Gross-Weight: 0.7kg</p>
<b>Packing</b>	
Packing	<p>MEAS: 520*320*400mm Packing Qty: 20 Pair Packing weight: 15 KG</p>

**Zhejiang Uniview Technologies Co., Ltd.**

No. 369, Xietong Road, Xixing Sub-district, Binjiang District, Hangzhou City, 310051, Zhejiang Province, China (Zhejiang) Pilot Free Trade Zone, China

Email: [overseasbusiness@uniview.com](mailto:overseasbusiness@uniview.com); [globalsupport@uniview.com](mailto:globalsupport@uniview.com)

<http://www.uniview.com>

©2024-2025 Zhejiang Uniview Technologies Co., Ltd. All rights reserved.

\*Product specifications and availability are subject to change without notice.

\*Despite our best efforts, technical or typographical errors may exist in this document. Uniview cannot be held responsible for any such errors and reserves the right to change the contents of this document without prior notice.