

## 10/100/1000-TX to 1000-FX SC MEDIA CONVERTER

### Overview

BM-1100TSC series is 10/100/1000Mbps intelligent adaptive fast Ethernet media converter. It is a cost effective way to expand your existing fiber infrastructure to the gigabit 1000Base T Ethernet networks. The BSD-1100TSC has a switching core that allows the fiber connection to operate at 1000Mbps when connected to 10Base, 100Base or 1000BaseT network



### Key Features

- Accomplishes from 10/100/1000Base-T to 1000Base-SX/LX (SC)
- Supports: full duplex and half duplex transmission and capable of automatic negotiation.
- Built-in switching core, to implement flow control and reduce broadcast packets.
- Supports the transmission of extra-long packets over VLAN
- Used as standalone or in a chassis **BMC-1400R**

### Specifications

<b>Standards</b>	IEEE802.3 10Base-T Ethernet,IEEE802.3u 100Base-TX/FX Fast Ethernet, IEEE802.3ab 1000Base-T, IEEE802.3z 1000Base-SX/LX Gigabit Ethernet IEEE802.1qVLAN,IEEE802.1p QoS,IEEE802.1d Spanning Tree
<b>LED Reports</b>	POWER (power), FX LINK (fiber link action), TP LINK1000 (twisted pair connection 1000M), TP LINK100 (twisted pair connection 100M), TP ACT (twisted pair packet forwarding action)
<b>Transmission Distance</b>	2 km (1310nm) multimode,10/20 /40/80Km )single mode
<b>Port</b>	One RJ45 port: Connected to STP/UTP category-5 twisted pairs One dual-fiber port: multi-mode SC (fiber size: 50,62.5/125µm ) One dual fiber single mode SC (fiber size 9/125 µm )
<b>Conversion Mode</b>	Medium Conversion
<b>Delay</b>	<10µs
<b>Bit Error Rate</b>	<1/1000000000
<b>MTBF</b>	100,000 hours
<b>Power requirement</b>	100 ~220VAC, 50~60Hz .2A
<b>Power Consumption</b>	5W
<b>Operating Temp.</b>	-10 °C ~ 55 °C (14~131°F)
<b>Net Weight</b>	~ 508g
<b>Humidity</b>	5% - 90% (non condensing)
<b>Dimensions</b>	70 x 26 x 94 (WxHxD) mm.
<b>Warranty</b>	3 year limited warranty

### Ordering Information

<b>BM-1100TSC</b>	10/100/1000Base-T to 1000Base-SX (SC) Multi Mode Media Converter 2km
<b>BM-1100TSC-20</b>	10/100/1000Base-T to 1000Base-SX (SC) Single Mode Media Converter 20km <b>(longer distance special order)</b>