10/100/1000Mbps media converter

The GL media converters were specifically designed to offer network designers the tools for migration from copper based Gigabit to fiber based Gigabit Ethernet. Now, migration or expansion of existing networks can be achieved with minimum cost and complexity. The converters are completely transparent when installed so the network performs exactly the way it would do normally-only now, it can migrate both copper and fiber mediums. This flexibility in cabling allows network managers to put fiber cables anywhere with in a network without changing the arrangement of copper based Gigabit segments. Their compact size allows the converter to be easily deployed in any narrow desktop location or used in wall-mount installation to save space.

Main Features:

- Complies with IEEE 802.3ab 1000Base-T and IEEE 802.3z 1000Base-SX/LX standard

- Auto MDI/MDI-X support on RJ-45 port

- Auto polarity correction on RJ-45 port

- Local and Remote loopback test for first time installation and troubleshooting

- Low power consumption

- Extends distances up to 220m for multi-mode SX (80km with long haul single mode) under full duplex mode

- Compatible with other Gigabit 1000Base-T/SX/LX devices

- Status LEDs for easy monitoring of device status

- External power supply

- FCC Class A & CE approved

Product specifications:

	specifications:			
Type	3630N	3830N	2300G	2003SFG
Hardware specifications				
standard	IEEE802.3、IEEE802.3u、IEEE802.3X、IEEE802.3ab、IEEE802.3z			
Backplane bandwidth	1 GE port 1 1000M fiber port	1 GE port 1 1000M fiber port	2 GE port 1 1000M fiber port	1 GE port 2 1000M fiber port
MAC Address table	SC/FC/ST			
Port type	Multi-mode Double ffiber：220m（Fiber size 62.5/125μm）/550m(Fiber size 50/125μm)， Single-mode Double fiber：10/20/40/60/80/100/120Km， single-mode Single fiber：10/20/40/60/80Km Twisted-pair cable：100m			
Power	5V2A	110-240V	5V2A	5V2A
power consumption	5W	5W	6W	6W
Physical size	118*70*27mm	183*132*30mm	118*70*27mm	118*70*27mm
weight	0.19kg	0.50kg	0.20kg	0.20kg
Suitable temperature	0℃-50℃（Working environment），-20℃-70℃（Storage temperature）			
Suitable humidity	5%-90% No condensation (work environment)			

Ordering Information:

	1000M RJ45 port	1000M Fiber port	POWER	
GL-3630N	1	1	5VDC	external power
GL-3830N	1	1	100-240VAC	Internally power
GL-2300G	2	1	5VDC	external power
GL-2003SFG	1	2	5VDC	external power
GL-3630NS	1	1（SFP）	5VDC	external power
GL-3830NS	1	1（SFP）	100-240VAC	Internally power