

## Features

- Support max media speed 1Gbps
- Support 1Ch 2Port
  - Line topology configuration with relay parameter setting
- Server standard maximum communication load 5,000pps
- Fiber optic module(XGL-EFMTB) has replaceable connector, communication speed is improved to 1Gbps and maintenance is easy.
- XG5000 old and new version available.
- User defined frame UI enhancements make it easier to use.
- Various diagnostics are possible by strengthening log function.



## Specification

### Open Ethernet

Item		Product Name		
		XGL-EFMTB	XGL-EFMFB	
Transmission Specification	Baud rate	10/100/1000Mbps	100/1000Mbps	
	Transmission Type	Base Band		
	Max. extended length between nodes	100m(Node-Hub)	2km	
	Max. segment length	-	-	
	Max. number of nodes	Hub connection(Up to 9 recommended )	30/Segments	
	Distance between nodes	-	Integral times of 0.5m	
	Max. protocol size	1,500 Byte		
	Access method to service zone	CSMA/CD		
Frame error check	CRC 16 = X <sup>15</sup> + X <sup>14</sup> + X <sup>13</sup> + .... + X <sup>2</sup> + X + 1			
Basic Specification	Current consumption (5V)	100Mbps	560mA	750mA*
		1Gbps	900mA	740mA*
Weight	146 g	156 g	-	

\*Formerica SFP standard

### Dedicated Ethernet

Item		XGL-EDMT	XGL-EDMF
Communication spec.		10/100 BASE-TX	100 BASE-FX, Fiber Optic
Protocol		Dedicated protocol	
Service	With LS PLCs	High-speed link, P2P service	
	With other devices	-	
	Application	XG5000 service	
Sending/receiving data		200 words /block	
No. of connection stations		64 stations	
General use		High-speed link communication among LSIS PLCs	
Purpose		UTP/STP Category 5	62.5/125 $\mu$ m, multi-mode, SC connector
Current consumption (mA)		410	630
Weight (kg)		0.11	0.15