



Product Features

- ARM926EJ, main frequency is 300MHz
- 1 x fully isolated RS485 interface
- 1 x 100M/10M Ethernet port
- Support firmware upgrade
- Integrated BBMD
- Support online monitoring
- Operating temperature: -40 ~ 85°C



Product Introduction

LM Router101-B is a common device in building automation systems based on the BACnet protocol. It is used to implement communication routing between the BACnetIP network and the BACnet MS/TP bus. Configuration and monitoring are completed through the Web page.

Product Specifications

Hardware Parameters	Memory	64MByte high performance memory
	Nand Flash	128MByte SLC Flash
	Serial Port	1 * RS485
	Network Port	1 * LAN port
	USB Port	1 * USB HOST interface
	Power Supply	DC9V ~ 48V/AC12V ~ 30V , supports anti-reverse connection, lightning protection, overcurrent protection, etc.
	LED Indicator	POWER , SYS , serial port sending and receiving instructions
	Enclosure Protection	IP50
	Power Consumption	The maximum average power consumption of the whole machine is ≤ 3W
	Mechanical Installation	DIN rail slot fixing
Environmental Parameters	Working Relative Humidity	20 ~ 90 % No condensation
	Storage and Transportation relative Humidity	15 % ~ 95 % No condensation

Routing function

- Capable of providing independent routing between BACnet/IP and BACnet MS/TP
- Support BACnet/IP Broadcast Management Device (BBMD) function

Rich diagnostic functions

- Power light and status indicator light can diagnose device status
- Password-protected web configuration interface supports modern browsers (Chrome recommended)
- Reset button to restore IP settings and passwords to factory defaults
- Serial port debugging can detect bus operation and record bus data without interfering with bus operation.

BACnet/IP

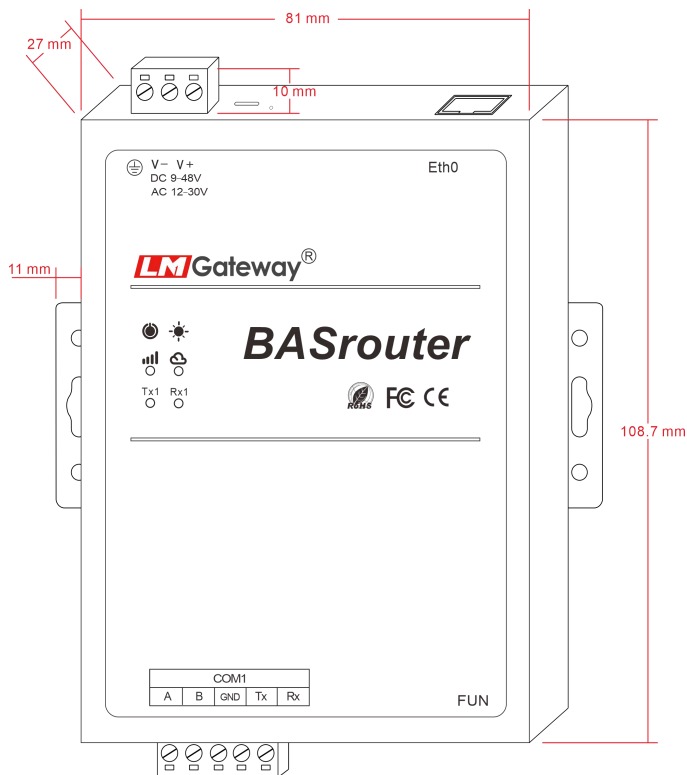
- The broadcast management device mode supports 128 broadcast distribution table entries (BDT) and 128 external device table entries (FDT), and supports pushing the broadcast distribution table to other broadcast management devices
- Find routes and display the current BACnet routing table
- BACnet network traffic statistics

Flexible IP settings

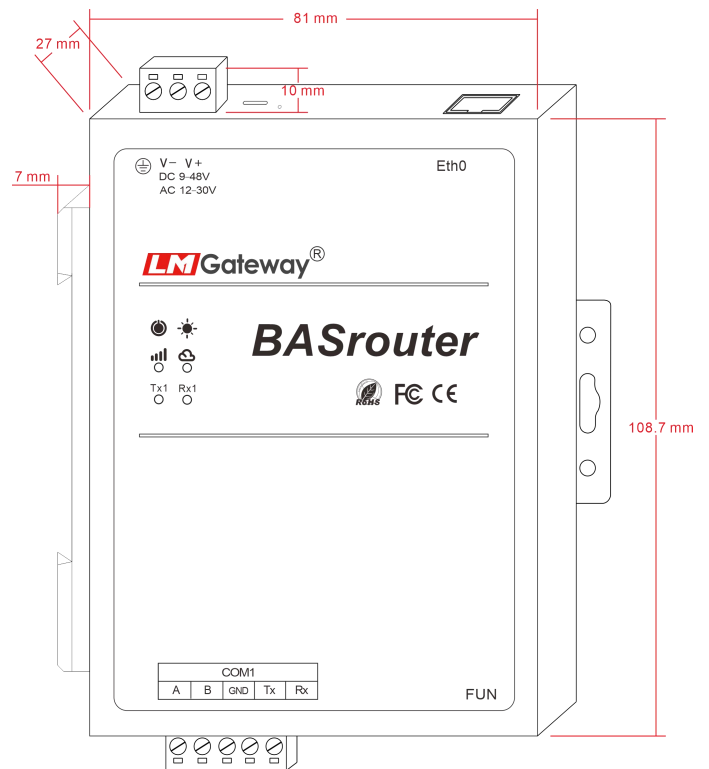
- 10/100 Mbps Ethernet with auto-negotiation and Auto-MDIX (automatic line order crossover) functions.
- Web server, used for debugging and troubleshooting.
- DHCP option to automatically obtain an IP address.
- Fixed settings of IP address, default gateway and other information

Gateway dimensions and installation diagram

- Back rail and mounting ear installation



- Side rail installation



Necessary networking equipment for BAS

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