

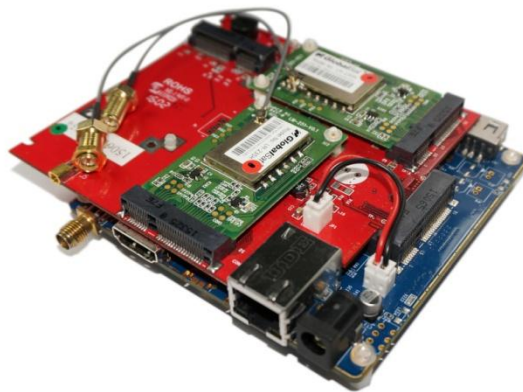


PRODUCT SPECIFICATION

Station Gateway EVB

LG-S201 EVB

VER: V1.0



GlobalSat WorldCom Corporation

16F., No. 186, Jian 1st Rd, Zhonghe Dist., New
Taipei City 23553, Taiwan
Tel: 886.2.8226.3799/ Fax: 886.2.8226.3899
lora@globalsat.com.tw
www.globalsat.com.tw

USGlobalSat Incorporated

14740 Yorba Court Chino, CA 91710
Tel: 888.323.8720 / Fax: 909.597.8532
sales@usglobalsat.com
www.usglobalsat.com

Introduction

LG-S201 EVB (Station gateway EVB) is a member of GlobalSat M.O.S.T. product family. It is designed as a LoRa[®] gateway by using LoRa[®] technology in private eco-system. LG-S201 EVB is an ARM-based M.O.S.T. Station Gateway with LAN & WiFi capability to the internet. It collects data from end-nodes periodically and passes the data to backend via internet. It can also send command to designated end-nodes if needed. This unit acts as a central unit for data Tx/ Rx.

The LG-S201 EVB Contents:

1. LG-S201 EVB x 1
2. LoRa[®] Antenna x 2
3. WiFi Antenna x 1
4. Adapter x 1

Features

- ARM-based M.O.S.T. Station Gateway
- 1 USB port supported
- LAN & WiFi enable to connect to internet
- Long distance data Tx/ Rx
- LoRa[®] Tx/ Rx function
- Collect data from LoRa[®] nodes periodically
- Send command to LoRa[®] nodes
- Support MOST-Link protocol
- Enable to connect to different back end applications
- Internet connective priority: Ethernet → WiFi → LTE
- LTE support (PLS-8, option)
- LoRa[®] support (up to 2 LoRa[®] slots, power up to 14 dBm)

Hardware Specification		
CPU	ARM CORTEX A9 Dual Core (Std. 850 MHz)	
Memory	ROM	4 GB Flash
	RAM	1 GB DDR3 SDRAM
Video	Output	HDMI 1.4a
	Input	N/A
Audio	Output	HDMI 1.4a
	Input	N/A
HDMI Resolution	1920*1080p, 1280*720p, 720*576p, 720*480p, 640*480p	Default :Auto detect
Networking	Wireless	WiFi 2.4 GHz, 802.11 b/g/n
	Wire	Gigabit Ethernet (RJ45)
Extension I/O	USB Host	1 Port
External Storage	Micro SD Card	SD3.0 USH-1 read/ write compatible
Communication	2 LoRa [®] slot	
	1 LTE slot (PLS-8) is option and not included	
Extension Slot	2 for LoRa [®] module (LM-251H)	
	1 for telecom module (Gemalto PLS8, option)	
PDM	1 Port for Buzzer	
Power	DC 5V/ 2A	
Dimension	146 x 104.6 x 47 mm	
Weight	106 ± 5 g	