

CloudBridge Gateway

PRODUCT DATA SHEET



Features

- Both Wired and Wireless Network Connections
- Utilizes WireGuard™ Proprietary Encryption
- Provides Secure Outbound Connection to our cloud
- Segmented IT connection to only our BAS equipment
- Requires only the same access out as any standard “WiFi Guest” user
- Allows use of Commissioning and Ongoing Support Tools
- Uses Ports 80, 443, and 51820

Summary

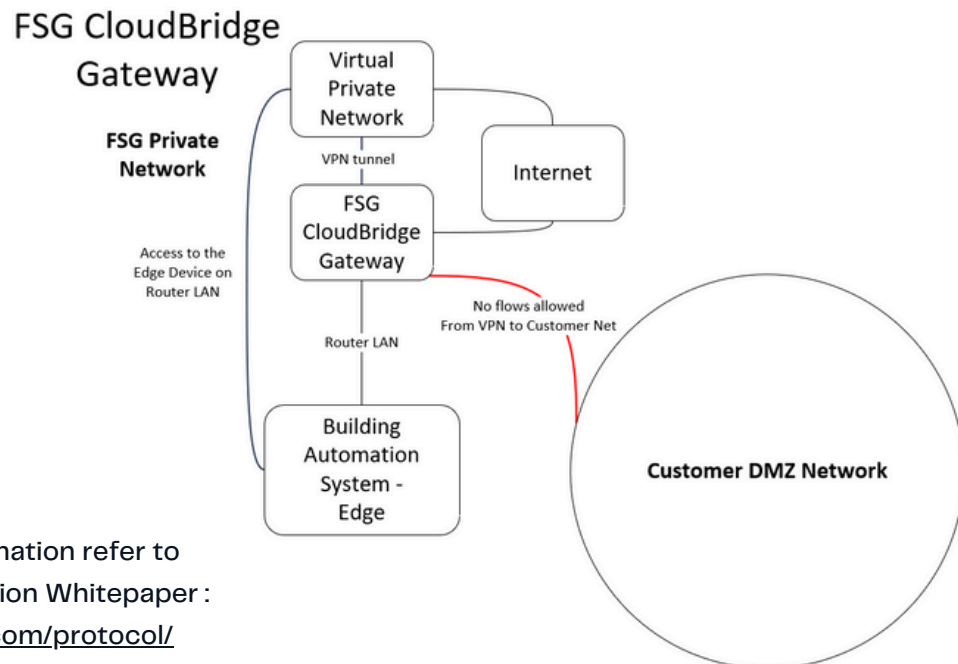
The FSG CloudBridge Gateway enables secure connectivity between your Building Management System and external connection for productivity and operation by way of a Virtual Private Network. It extends transparent network access to the cloud deployed system.

The CloudBridge gateway is a critical part in bridging between a cloud platform and your location. It utilizes WireGuard™ to secure network tunnels. WireGuard™ is simply implanted, extremely performant using state of the art cryptography and easy to administer.

WireGuard™ focuses on simplicity and usability, while still delivering a scalable and highly secure system by remaining silent to unauthenticated packets. It can be deployed on the outer edges of networks, as a trustworthy and reliable access point, which does not readily reveal itself to attackers nor provide a viable attack target.

Specifications

Model	CloudBridge Gateway
CPU	MTK MT7621A, Dual-Core@880MHz
Memory	DDR3L 256MB
Storage	32MB NOR Flash
Interfaces	1 WAN (1000Mbps), 2 LANs (1000Mbps), 1 USB3.0, 1 Micro USB (power), 1 Reset Button, TF Card Slot (512GB Max.)
Frequency	2.4GHz, 5GHz
Transmission Rate	400Mbps(2.4GHz) + 867Mbps(5GHz)
Max. Tx Power	20dBm (2.4GHz)/20dBm(5GHz)
Protocol	802.11a/b/g/n/ac
External Drive Format Support	FAT32/NTFS/EXT4/EXT3/EXT2
DIY Features	UART, GPIO, 3.3V & 5V power port
External Antenna	2 X 2dBi Fixed Antennas
PoE Module	No
Power Input	5V/3A Type-C
Power Consumption	<8W



For more detailed Information refer to
 FSG Proprietary Encryption Whitepaper :
<https://www.wireguard.com/protocol/>