

# BACnet IoT Gateway Hardware

## SSB255/399/512/800/1000/1000TL Boilers

Engineering  
Submittal  
Sheet



# BOSCH

### Overview and Features

Part number:  
7738006441



- ▶ Field programmable
- ▶ Interfaces with Ethernet, RS-485 BACnet, or Wifi
- ▶ Connect up to 8 units with one controller
- ▶ Can push up to 1,000 BACnet Objects to the SMC Cloud.
- ▶ Use a web browser to access the ProtoNode

### Project Information

<b>Project Name:</b>		<b>Project Number:</b>	
<b>Date:</b>		<b>Location:</b>	
<b>Contractor:</b>		<b>Prepared By:</b>	

### Technical Specifications

<b>Communication</b>	Serial (Galvanic Isolation):	RS-485
	Baud:	9600, 19200, 34800, 57600, 76800
	Ethernet	10/100BaseT, MDIX, DHCP
<b>Wi-Fi 802.11 b/g/n</b>	Frequency:	2.4 GHz
	Antenna Type:	SMA
	Channels:	1 to 11 (inclusive)
	Encryption:	TKIP, WPA & AES
<b>Power Requirements</b>	BAC/BACW:	Current draw @ 12V, 250mA Input Voltage 12-24 VDC or 24 VAC
	BACC:	Current draw @ 12V, 670mA Input Voltage 12-24 VDC
<b>Construction</b>	Dimensions (HxWxD)	4 x 1.1 x 2.7 in (10.16 x 2.8 x 6.8cm)
	Weight:	0.4 lbs (0.2 Kg)
<b>Environment</b>	Operating Temperature:	-20° to 70°C (-4° to 158°F)
	Relative Humidity:	10-95% RH non-condensing
<b>Warranty</b>	2 years*	
<b>Approvals</b>	CE and FCC	Class B & C Part 15
	BTL Marked	
	UL 60950-1 and CAN/CSA C22.2	
	IC Canada	
	RoHS and WEEE Compliant PTCRB and CTIA	
<b>Other</b>	Web Configuration	
	Toolbox diagnostic utility	
	DIN rail mount included	

\* For complete limited warranty details, please visit [www.boschheatingandcooling.com](http://www.boschheatingandcooling.com)

Dimensions

