



## BANNER Asset Monitoring Gateway with SNAP ID User Guide

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### BANNER Asset Monitoring Gateway with SNAP ID User Guide



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### Asset Monitoring Gateway (AMG) with SNAP ID Overview

The Asset Monitoring Gateway (AMG) with SNAP ID provides commissioning, monitoring, and alarms for up to 20

supported Modbus® and SNAP SIGNAL® enabled sensors and converters. The gateway scans for individual sensors or converters and auto-detects model information, allowing users to change and assign Modbus server ID numbers to commission custom systems.

Identified devices report relevant register data every five seconds, providing the quickest path to data that Banner Engineering offers for SNAP SIGNAL and Modbus-equipped sensors. Connected units can be grouped and renamed. All relevant input registers can have threshold alarms assigned to them individually. The alarm status is indicated both on-screen locally by color and mirrored by the light on the enclosure.

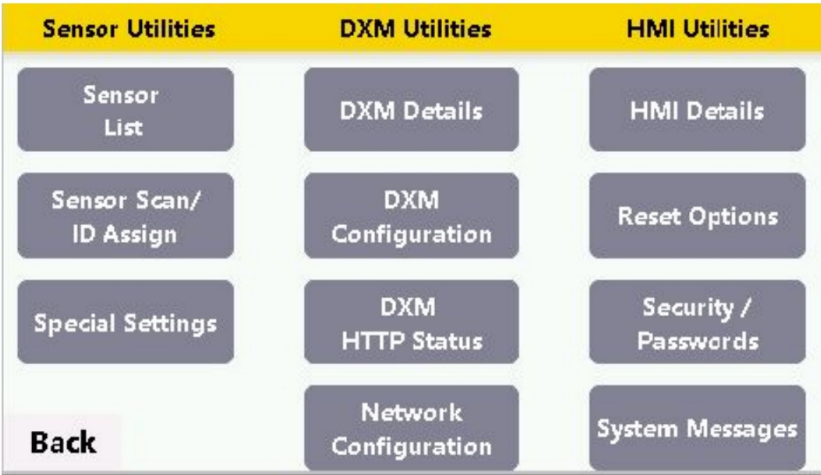
All data and alarms received in the gateway can be uploaded to the Banner Cloud Data Services (Banner CDS) website via an Ethernet or cellular connection (requires additional Banner CDS data plan).

For more information, refer to the following documents on [www.bannerengineering.com](http://www.bannerengineering.com):

- Asset Monitoring Gateway with SNAP ID Instruction Manual, p/n 234288
- Asset Monitoring Gateway with SNAP ID Brochure, p /n b\_51583459

**Commission and Assign Connected Sensors or Converters**

1. After the AMG has initialized (about one minute), touch the Utilities icon in the lower right corner of the main page to go to the main configuration/device information menu.



2. In the Sensor Utilities column, touch Sensor Scan/ID Assign. The Sensor table will initially be unpopulated.
3. Connect any supported Banner Modbus sensor or S15 converter using a splitter cable or hub with power connected to the homerun cable and a branch connected to the Gateway M12 connector on the bottom right of the enclosure. See the Asset Monitoring Gateway with SNAP ID Brochure, p/n b\_51583459, for lists of supported S15 converters, Modbus sensors, and accessories.
4. Select Scan IDs and touch YES when prompted to confirm.

### Sensor Scan/ID Assignment

Select Sensor To Change ID:

No.	ID	Status	Model Name	Sensor Type	Ser
1					
2					
3					
4					
5					

Enter New ID:  (1-20) Scanning...

Back Scanning..

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### Sensor Scan/ID Assignment

Select Sensor To Change ID:

No.	ID	Status	Model Name	Sensor Type	Ser
1	2	Yes	QM30VT2	Vibration/Temp	493
2	3	Yes	QM30VT2	Vibration/Temp	493
3	4	Yes	S15C-CT-MQ	Analog Current	252
4	5	Yes	S15C-B22-MQ	Discrete I/O	110
5	6	Yes	S15S-T-MQ	Temperature	412

Enter New ID:  (1-20) Scan IDs

Back Change ID

The Gateway scans for connected sensors for 20 seconds, as indicated by the red **Scanning....** message displayed at the bottom of the screen. Previously undetected devices appear in the table as ID 1 in the second column. The model name and sensor type should match the attached sensor/converter. When initially commissioning devices, it is important to **connect only one new sensor/** converter at a time. The gateway scans for new devices based on the default SID #1 so it is also important to change all identified devices' SID # when you will be adding more than one device.

- To change the detected devices' SID #, highlight the sensor needing to be changed by touching the row in which it appears and select **Change ID**. Touch **Yes** to confirm.

The **Enter New ID** field automatically increments to the closest available SID #. (This field is also manually configurable.) After a SID # has changed, the sensor table repopulates and displays the new SID # associated with the learned device. All previously learned sensors continue to appear in the table unless they are deleted from the system using this screen.

## Banner Engineering Corp Limited Warranty

Banner Engineering Corp. warrants its products to be free from defects in material and workmanship for one year following the date of shipment. Banner Engineering Corp. will repair or replace, free of charge, any product of its manufacture which, at the time it is returned to the factory, is found to have been defective during the warranty period. This warranty does not cover damage or liability for misuse, abuse, or the improper application or installation of the Banner product.

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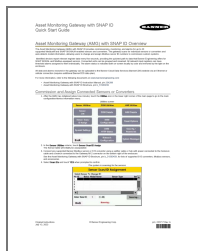
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For patent information, see [www.bannerengineering.com/patents](http://www.bannerengineering.com/patents).



## Documents / Resources

	<p><a href="#">BANNER Asset Monitoring Gateway with SNAP ID</a> [pdf] User Guide</p> <p>Asset Monitoring Gateway with SNAP ID, Monitoring Gateway with SNAP ID, Gateway with SNAP ID, SNAP ID, ID</p>
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## References

-  [Banner Engineering](#)
-  [Patents](#)