



AVNET AES-MS-MT3620-GUARD-100 Wireless Edge Module Azure Sphere Module User Guide

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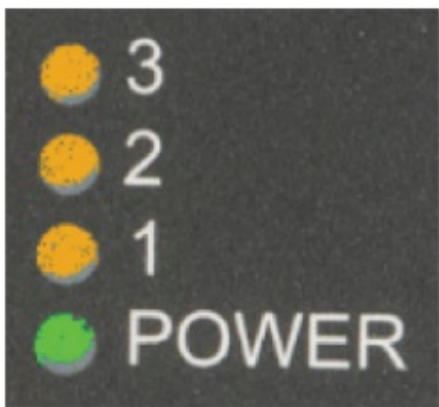
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Introduction

Thank you for selecting GUARDIAN-100.

Key links and installation steps are provided here to enable you to develop Azure Sphere applications that securely connect your equipment to the internet.

- **STEP 1: Download Microsoft Azure Sphere SDK from:**
[aka.ms/Azure Sphere SDK](https://aka.ms/AzureSphereSDK)
- **STEP 2:** Install Azure Sphere SDK on a Windows 10 computer, by following the detailed instructions located at:
avnet.me/ms_sphere_docs
- **STEP 3: Connect the provided cables and power-up Guardian:**
 - Connect the Ethernet cable from Guardian to the equipment
 - Connect USB cable type-A connector to the on-site equipment
 - Connect USB cable type-B connector to Guardian
 - Once connected, the Guardian LEDs should indicate as follows:
1, 2, 3 LEDs: Amber
Power LED: Green



- **STEP 4:** Complete the Microsoft installation instructions to:
 - Set up an Azure Sphere account (and subscribe to notifications)
 - Claim your device
 - Configure Wi-Fi settings of your device
- **STEP 5: View documentation and download example applications for the Guardian-100 from:**
avnet.me/mt3620-guardian

NOTE:

Included with this product is copyrighted software that is licensed under the GPL, LGPL or other open source licenses, listed below.

You may obtain the source code for applicable software from 3rdpartysource.microsoft.com or by sending mail to:

Microsoft Corporation, Source Code Compliance Team One Microsoft Way, Redmond, WA 98052

Important Product Information

Before using Guardian-100, please read the Avnet Design Kit License and Product Warranty located at: avnet.me/AvnetTermsAndConditions.

Use of Guardian-100 signifies your and your company or organization's acceptance of and compliance with this License.

If you or your company or organization do not accept these License terms, do not open the antistatic bag containing Guardian-100, or use Guardian-100.

FCC Compliance Statements

This product contains the AES-MS-MT3620-M-G-3 module from Avnet

Model	FCC ID	IC ID
Azure Sphere MT3620 Module	2AF62-AVT3620C3	21571-AVT3620C3

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

WARNING: To satisfy FCC RF exposure requirements for mobile transmitting devices, a separation distance of 20cm or more should be maintained between the antenna of this device and persons during operation.

To ensure compliance, operations at closer distances than this are not recommended.

Industry Canada Compliance Statements

This device complies with Industry Canada License-exempt RSS standard(s). Operation is subject to the

1. This device may not cause interference, and
2. This device must accept any interference, including interference that may cause undesired operation of the device

To comply with ISED Canada RF exposure limits for general population/uncontrolled exposure, the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be operating in conjunction with any other antenna or transmitter.

Contact information

AVNET®

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- [!\[\]\(afccba59698ecc8a0a76b2a3d21d02b4_img.jpg\) Third Party Disclosures](#)
- [!\[\]\(8cb94276a7f89118751ca7cfc8b14560_img.jpg\) Quickstarts to set up your Azure Sphere device - Azure Sphere | Microsoft Learn](#)
- [!\[\]\(0438aad6fa676957675e1c00459fd21d_img.jpg\) Avnet: Quality Electronic Components & Services](#)
- [!\[\]\(ae03f7cdee7ab96edb72384d29b14cab_img.jpg\) Terms and Conditions of Sale | Avnet](#)
- [!\[\]\(bc1bc11c7ba24582e286200f53f4def0_img.jpg\) Azure Sphere Documentation | Microsoft Learn](#)
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