



Adtran 17600030F1 Wi-Fi Mesh Access Point Remote Gateway User Manual

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Adtran logo
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Safety and Regulatory Notice
841-t6 Service Delivery Gateway

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Wi-Fi Mesh Access Point Remote Gateway



WARNING

Read all warnings, cautions, notes, and installation instructions before installing or servicing this equipment. Refer to the national, state, and local electrical codes for the requirements for power, grounding, wiring, and installation methods.

This product may be powered by multiple sources. Disconnect all sources of power prior to servicing.



CAUTION

Connect the DC power input to an approved Limited Power Source (LPS) power supply ONLY. This equipment

contains no parts that can be serviced by the user. This product is intended to operate in ambient temperatures up to 40°C. It is recommended that an external AC Surge Protection Device be installed at the AC input connection to the local AC-Powered product. The Surge

The protection device should provide L-N, L-G, and N-G protection. It is also recommended that the device contains a visual 'GOOD' indicator.

The product is intended for indoor use only. Ethernet, Voice, and attached equipment are intended for use within the same building with equipotential bonding and are not intended to be placed in separate buildings or structures. Failure to deploy as described could result in permanent damage from lightning or other electrical events and void the warranty.



NOTES

This product meets the following compliance requirements:

- This equipment contains no parts that can be serviced by the user.
- This product meets the EU RoHS Directive. Refer to www.adtran.com/environmental for further information on RoHS/WEEE.
- This product is UL Listed to the applicable UL/CSA Standards.
- This product has also been evaluated to applicable international standards including CE and RCM marking.
- The AC branch circuit socket-outlet must be installed near the equipment and must be easily accessible.
- The RJ-45 jacks are not used for telephone line connections.

This radio transmitter (IC: HDC-W649B) has been approved by Industry Canada to operate with the antenna types listed below. Antenna types not included in this list are strictly prohibited from use with this device.

The device for the band 5150-5250 MHz is only for indoor usage to reduce the potential for harmful interference to co-channel mobile satellite systems. The maximum antenna gain permitted for devices in the band 5725-5850 MHz shall be such that the equipment still complies with the EIRP limits specified for point-to-point and non-point-to-point operation as appropriate.

Regulatory Compliance Information

This section includes user requirements for operating this product in accordance with National laws for the usage of radio spectrum and operation of radio devices. Failure of the end-user to comply with the applicable requirements may result in unlawful operation and adverse action against the end-user by the applicable National regulatory authority. This product's firmware limits operation to only the channels allowed in a particular Region or Country. Therefore, all options described in this user's guide may not be available in your version of the product.

Europe EU Declaration of Conformity

Products bearing the marking comply with the following EU directives:

- EMC Directive 2014/30/EU
- Low Voltage Directive 2014/35/EU
- WEEE Directive reference: 2012/19/EU

If this product has telecommunications functionality, it also complies with the requirements of the following EU Directive:

- RED 2014/53/EU

Compliance with these directives implies conformity to harmonized European standards that are noted in the EU Declaration of Conformity. For indoor use only. Valid in all EU member states, EFTA states, and Switzerland. This device may not be used for setting up outdoor radio links in France and in some areas the RF output power may be limited to 10 mW EIRP in the frequency range of 2454 – 2483.5 MHz. For detailed information, the end-user

should contact the national spectrum authority in France.

FCC Requirements for Operation in the United States

FCC Information to User

This product does not contain any user-serviceable components and is to be used with approved antennas only. Any product changes or modifications will invalidate all applicable regulatory certifications and approvals.

FCC Guidelines for Human Exposure

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 22 cm between the radiator and your body. This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter except in accordance with FCC multi-transmitter product procedures.

FCC Declaration of Conformity

We, ADTRAN, Inc., 901 Explorer Blvd, Huntsville, AL 35806, declare under our sole responsibility that the 841-t6 complies with Part 15 Subpart B of FCC CFR47 Rules. Operation is subject to the following two conditions:

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

FCC Radio Frequency Interference Warnings & Instructions

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 or more 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.

CAN ICES-3(B)/NMB-3(B)

Canadian Department of Communications Radio Interference Regulations

This digital apparatus (Wi-Fi 6 Mesh Access Point / Remote Gateway Model 841-t6) does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the Radio Interference Regulations of the Canadian Department of Communications. Industry Canada This device complies with RSS-247 of the Industry Canada 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.

IMPORTANT NOTE: Radiation Exposure Statement:

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 24cm between the radiator & your body.

CAUTION

- (i) the device for operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems;
- (ii) the maximum antenna gain permitted for devices in the bands 5250-5350 MHz and 5470-5725 MHz shall be such that the equipment still complies with the e.i.r.p. limit;
- (iii) the maximum antenna gain permitted for devices in the band 5725-5850 MHz shall be such that the equipment still complies with the e.i.r.p. limits specified for point-to-point and non-point-to-point operation as appropriate; and
- (iv) the worst-case tilt angle(s) necessary to remain compliant with the e.i.r.p. elevation mask requirement set forth in Section 6.2.2(3) shall be clearly indicated.
- (v) Users should also be advised that high-power radars are allocated as primary users (i.e. priority users) of the bands 5250-5350 MHz and 5650-5850 MHz and that these radars could cause interference and/or damage to LE-LAN devices.

Installation Instructions:


Refer to the Quick Start or Job Aid for this product (P/N: 617600030F1-13) for detailed installation instructions.

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ADTRAN CUSTOMER CARE:
From within the U.S. 1.800.726.8663
From outside the U.S. +1 256.963.8716
PRICING AND AVAILABILITY 1.800.827.0807



Documents / Resources

	<p>Adtran 17600030F1 Wi-Fi Mesh Access Point Remote Gateway [pdf] User Manual 17600030F1 Wi-Fi Mesh Access Point Remote Gateway, Wi-Fi Mesh Access Point Remote Gateway, Point Remote Gateway, Remote Gateway</p>
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References

- [A Environment](#)