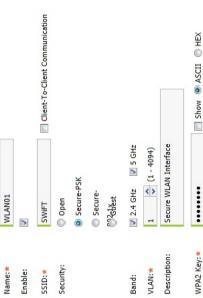
Additional WING contiguration documentation is available at: https://portal.motorolasolutions.com/Support/US-EN

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Attach the bottom of the wallplate to the mounting bracket and rotate the wallplate until it snaps onto the latch. Install the security screw provided (optional). If desired, install the decor facade.

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the Configuration -> Wireless screen, enter the desired Name, SSID, Security, and WPA2

. On the **Configura Key** parameters.



Local language translations are available at the following website: Login to the system using the default username admin and password motorola.

1. On the Configuration -> Basic Settings screen, enter the AP Name and Country Name.

Any changes or modifications to Motorola equipment, not expressly approved by Motorola Solutions, could void the user's authority to operate the equipment.

All Motorola devices are designed to be compliant with rules and regulations in locations where they are sold and will be labeled as required.

This device is approved under Motorola Solutions, Inc. This guide applies to Model Number AP-7502.

To provide the Access Point with a basic configuration and access WiNG management functions, open a browser and enter the IP address printed on the serial label on the Access

Basic AP-7502 Configuration

Regulatory Information

AP-7502 11ac Wireless Wallplate

Installation Guide

provides high speed wireless LAN along with switched Ethernet and PoE output.

suited for hotels, dormitory housing, and similar multi-tenant buildings, the AP-7502

The following graphical alerts are used in this document to indicate notable

NOTE Tips, hints, or special requirements that you should take note of

PoE Out

LAN Interfaces

 $3 \times \text{IEEE} \ 802.3 \ 10/100 \text{Mb}, auto-sensing via RJ-45$ Auto-sensing 10/100/1000Mbps, Full/Half Duplex, with PoE receiving capability via RJ-45

One FE port with 802.3af output based on 802.3 at input

Medium

DSSS, OFDM, MCS, HT

Network Standards

802.11 a/b/g/n/ac, 802.11d, 802.11i, WPA, WMM

Document Conventions

situations:

The AP-7502 11ac Wireless Wallplate is designed to leverage the existing category 5/5e/6 cabling already in the walls of any enterprise building. Ideally

AP-7502 Wireless Wallplate Specifications

Wireless Interface

Dual Radio; 802.11a/b/g/n/ac; 2.4 GHz and 5 GHz

The AP-7502 wallplate can be installed over an existing structured wiring wallplate.

Installing the AP-7502 Wallplate

When installing the wallplate over an existing 70mm x 115mm wallplate as is commonly found in North America, South America and Japan, install the decor

facade (optional) only after the AP-7502 has been installed

Install the wallplate mounting bracket.

Remove the existing wallplate.

Introduction

When Motorola devices are professionally installed, the Radio Frequency Output Power will not exceed the maximum allowable limit for the country of operation. Antennas: Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could cause damage and may violate regulations.

This device is only to be used with a Motorola Wireless Switch. Declared maximum operating temperature: 40°C . Bluetooth® Wireless Technology

This is an approved Bluetooth® product. For more information or to view End Product Listing, please visit

Wireless Device Country Approvals

Regulatory markings, subject to certification, are applied to the device signifying the radio(s) is/are approved for use in the following countries: United States, Canada, Japan, China, S. Korea, Australia, and Europe. Please refer to the Declaration of Conformity (DoC) for details of other country markings. This is available at

Note: Europe includes, Austria, Belgium, Bulgaria, Czech Republic, Cyprus, Denmark, Estonia, Finland, France, Gernany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovak Republic, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.



Operation of the device without regulatory approval is illegal.

Country Selection

Select only the country in which you are using the device. Any other selection will make the operation of this device illegal. Some Access Points are specifically designed to operate in certain countries (Example; -US for the United States, -EU for the European Union) . Frequency of Operation - FCC and IC

Caution. The device for the band 5150-5250 MHz is only for indoor usage to reduce potential for harmful interference to co-Channel mobile stallite systems. High power radars are allocated as primary users (meaning they have priority) of 7520-5350 MHz and 5650-5850 MHz and these radars could cause interference and/or damage to LEAN devices. Industry Canada Statement:

Avertiss ement: Le dispositive fonctionnant dans la bande 5150-5250 MHz est réservé uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux.

(9)

MOTOROLA





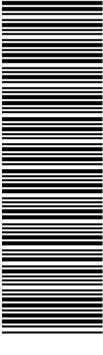








Revision A July 2014 MN000912A01



SCHAUMBURG, IL 60196 MOTOROLA SOLUTIONS, INC. 1303 E. ALGONQUIN ROAD

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ions.com

Les utilisateurs de radars de haute puissance sont désignés utilisateurs principaux (c.-à-d., qu'ils ont la priorité) pour les bands 5250-5350 MHz et 5650-5850 MHz et que ces radars pourraient causer du brouillage et/ou des dommages aux dispositifs LAN-EL 2.4 GHz Only

The available channels for 802.11 b/g operation in the US are Channels 1 to 11. The range of channels is imited by firmware.



Potentially Hazardous Atmospheres - Fixed Installations

You are reminded of the need to observe restrictions on the use of radio devices in fuel depots, chemical plants etc. and areas where the air contains chemicals or particles (such as grain, dust, or metal powders)



Warnings for Use of Wireless Devices

Wireless devices transmit radio frequency energy and may affect medical electrical equipment. When installed adjacent to other equipment, it is advised to verify that the adjacent equipment is not adversely affected. Safety in Hospitals

Pacemakers

Pacemaker manufacturers recommended that a minimum of 15cm (6 inches) be maintained between a handheld wireless device and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with independent research and recommendations by Wireless Technology Research.

- Persons with Pacemakers:
- Should ALWAYS keep the device more than 15cm (6 inches) from their pacemaker when turned ON
- Should not carry the device in a breast pocket.
 Should use the ear furthest from the pacemaker to minimize the potential for interference.
 If you have any reason to suspect that interference is taking place, turn OFF your device.

Other Medical Devices

Please consult your physician or the manufacturer of the medical device, to determine if the operation of your wireless product may interfere with the medical device.

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This equipment should only be installed by qualified professional installers.
Read all installation instructions and site survey reports, and verify correct equipment

Warnings

>>

personal injury or equipment damage

WARNING! Indicates a condition or procedure that could result in

Transmit Power

Antenna Configuration

2.4 GHz: 2 internal, 1x2, 2x2 MIMO, 5.8dBi peak gain 5 GHz: 2 internal, 1x2, 2x2, MIMO, 7.3dBi peak gain

1dBm to 20dBm in 1dBm increments
Actual transmit power is dependent upon national limits.

telnet, SSH, HTTP, HTTPS, SNMPv2/v3

Bluetooth LE

2400-2483.5 KHz in 2 MHz channels

Operating Frequencies

802.11 operating frequencies: 2.4GHz @2400-2483.5 MHZ, 5.2GHz @ 5150-5250 MHz and 5725-5850 MHz

PHY Data Rates

802.11b: 1, 2, 5.5, 11 Mbps 802.11g/a: 6, 9, 12, 18, 24, 36, 48, 54 Mbps 802.11n: MCS 0-15 up to 300 Mbps 802.11ac: MCS 0-8 up to 867 Mbps

loss or equipment malfunction.

CAUTION Care is required. Disregarding a caution can result in data

Remove jewelry and watches before installing this equipment.

installation before installing this equipment

Verify proper wiring and grounding for each installation location.

Verify there is adequate ventilation around the device, and that ambient temperatures meet equipment operation specifications (0° to 40° Celsius / 32° to 104° Fahrenheit).

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Safety Information

Reducing RF Exposure - Use Properly

Only operate this device in accordance with the instructions supplied

International

The device complies with internationally recognized standards covering human exposure to electromagnetic fields from radio devices. For information on "International" human exposure to electromagnet fields refer to the Motorola Declaration of Conformity (DoC) at http://www.motorolasolutions.com/doc. For further information on the safety of RF energy from wireless devices - see

Europe

Remote and Standalone Antenna Configurations

To comply with EU RF exposure requirements, antennas that are mounted externally at remote locations or operating near users at stand-alone desktop of similar configurations must operate with a minimum separation distance of 20cm from all persons. Co-located Statement US and Canad

To satisfy US and Canadian RF exposure requirements, a transmitting device must operate with a minimum separation distance of 20cm or more from a person's body.

Pour satisfaire aux exigences Américaines et Canadiennes d'exposition aux radiofréquences, un dispositif de transmission doit fonctionner avec une distance de séparation minimale de 20cm ou plus de corps d'une

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 minimum distance 20m between the radiator and your body.

NOTE IMPORTANTE: (Pour l'utilisation de dispositifs mobiles) Déclaration d'exposition aux radiations:

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20cm de distance entre la

Remote and Standalone Antenna Configurations

To comply with FCC RF exposure requirements, antennas that are mounted externally at remote locations or operating near users at stand-alone desktop of similar configurations must operate with a minimum separation distance of 20cm from all persons.

6

Power Supply

This device must be powered from a 802.3af or 802.3at compliant power source which has been certified by the appropriate agencies, or by a Motronia approved UL USTED ITE (IEC/EN 60950-1, LPS/SELV) power supply with electrical ratings: Output 12Vdc, min 0.83 A or 48 Vdc min 0.57 A (POE), with a recommended ambient temperature greater than 40 or better degrees C. Use of alternative power supply will invalidate any approvals given to this unit and may be dangerous.

F Tested to comply with FCC Standards

Radio Frequency Interference Requirements - FCC

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 nor 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 tuning 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

Radio Transmitters (Part 15)

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.

Radio Frequency Interference Requirements - Canada

CFS-3 (B)/NMB-3(b) Radio Transmitters

Le presentation con a configuration of the properties of the presentation of the production of the properties and paper of the conforme aux CDR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Label Marking: The Term "IC." before the radio certification only signifies that Industry Canada technical

specifications were met.

In accordance with the regulations of Industry Canada, this radio transmitter can operate with an antenna of a type and a maximum gain (or lower) approved for the transmitter by Industry Canada. With the aim of reducing the isk of radio interference to other users, the chosen antenna type and it gain should be selected so that the equivalent isotropically radiated power (e.i.r.p.) does not exceed the intensity necessary for the establishment of a satisfactory connection. (8)

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillager adioélectriquea l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

This radio transmitter IC: 109AN-AP7502 has been approved by Industry Canada to operate with the antenna types listed below and having a maximum gain allowable and the impedance required for each type of antenna. The antenna types not included in this list, or whose gain is higher than the maximum gain indicates, are strictly prohibited for the operation of the transmitter.

Frequency	Туре	Maximum Gain	0hms
2.46-1	PCB-Dipole	5.81 dBi	09
2.46-2	PCB-Dipole	4.52 dBi	09
5G-3	PCB-Dipole	7.22 dBi	09
56-4	PCB-Dipole	7.30 dBi	09
BT 2.4G-5	PCB-Dipole	4.74 dBi	09

Le présent émetteur radio (identifier le dispositif par son numéro de certification ou son numérode modèle s'il fait partie du matériel de catégorie I) a été approuvé par Industrie Canada pour fonctionner avec les types d'antenne énuméros ci-dessous et ayant un gain admissible maximal etl'impédance requise pour chaque type d'antenne. Les types d'antenne non inclus dans cette liste ou dont le gain est supérieur au gain maximal indiqué, sont strictement interdits pour l'exploitation de l'émetteur.

Marking and European Economic Area (EEA) \forall

Class B ITE

- The use of 2.4GHz RIAN's, for use through the EEA, have the following restrictions:

 Maximum radiated transmit power of 100 mW EIRP in the frequency range 2.400 -2.4835 GHz.

 Italy requires a user license for outside usage.

 Bluetooth® Wireless Technology for use through the EEA has the following restrictions:

 Maximum radiated transmit power of 100 mW EIRP in the frequency range 2.400 -2.4835 GHz.

Motorola hereby declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/FC and 2011/65/FU. A Declaration of Conformity may be obtained Statement of Compliance for Wireless Devices

6)

Waste Electrical and Electronic Equipment (WEEE)

English: For EU Customers: All products at the end of their life must be returned to Motorola for recycling. For information on how to return product, please go to: http://www.motorola.com/recycling/weee.

Français: Clients de l'Union Européanne: Tous les produits en fin de cycle de vie doivent être retoumés à Motorola pour recyclage. Pour de plus amples informations sur le retour de produits, consultez :

Español: Para clientes en la Unión Europea: todos los productos deberán entregarse a Motorola al final de su ciclo de vida para que sean reciclados. Si desea más información sobre cómo devolver un producto, visite: http://www.motorola.com/recycling/weee.

nttp://www.motorola.com/recycling/weee.

Bulgarish: За клиенти от ЕС: След края на полезния им живот всички продукти трябва да се предагата мотогота за решксипране. За информация относно връщането на продукти, моля отнидете на адрес: http://www.motorola.com/resycling/weee.

Deutsch: Für Kunden innerhalb der EU: Alle Produkte müssen am Erde ihrer Lebensdauer zum Recycling an Motorola zurückgesandt werden. Informationen zur Rücksendung von Produkten finden Sie unter

http://www.motorola.com/recycling/weee.

Italiano: per i clienti dell'UE: tutti i prodotti che sono giunti al termine del rispettivo ciclo di vita devono essere restituiti a Motorola al fine di consentirne il riciclaggio. Per informazioni sulle modalità di restituzione, visitare

Português: Para clientes da UE: todos os produtos no fim de vida devem ser devolvidos à Motorola para il seguente sito Web: http://www.motorola.com/recycling/weee.

reciclagem. Para obter informações sobre como devolver o produto, visite: http://www.motorola.com/recycling/weee.

Nederlands: Voor klanten in de EU: alle producten dienen aan het einde van hun levensduur naar Motorola te worden teruggezonden voor recycling. Raadpleeg http://www.motorola.com/recycling/weee voor meer informatie over het teruggenden van producten.

Polski: Klienci zobszau Unii Europejskiej: Produktywycofane zeksploatacji nale jy zwróciae do firmy Motorola w celu ich utylizacji. Informacje na tenar zwrotu produktów znajduji siệ na stronie internetowej

http://www.motorola.com/recycling/weee

Čeština: Pro zákazniky z EU: Všechny produkty je nutné po skonèení jejich životnosti vrátit spoleėnosti Motorola k recyklaci. Informace o způsobu vrácení produktu najdete na webové stránce: http://www.motorola.com/recycling/weee.

: esti: EL klientidele: kõik tooted tuleb nende eluea lõppedes tagastada taaskasutamise eesmärgil Motorola ile. isainformatsiooni saamiseks toote tagastamise kohta külastage palun aadressi: http://www.motorola.com/

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újrahasznosítás céljából. A termék visszajuttatásának módjával kapcsolatos tudnivalókért látogasson el a http://www.motorola.com/recycling/weee weboldalra. **Magyar:** Az EU-ban vásárlóknak: Minden tönkrement terméket a Motorola vállalathoz kell eljuttatni

Suomi: Asiakkaat Euroopan unionin alueella: Kaikki tuotteet on palautettava kierrätettäväksi Motorola-yhtiöön Svenska: För kunder inom EU: Alla produkter som uppnått sin livslängd måste returneras till Motorola för återvinning. Information om hur du returnerar produkten finns på http://www.motorola.com/recycling/weee.

kun tuotetta ei enää käytetä. Lisätietoja tuotteen palauttamisesta on osoitteessa

Dansk: Til kunder i EU: Alle produkter skal retumeres til Motorola til recirkulering, når de er udtjent. Læs oplysningerne om returnering af produkter på: http://www.motorola.com/recycling/weee. http://www.motorola.com/recycling/weee.

Ελληνικά: Για πελάτες στην Ε.Ε.: Όλα τα προϊόντα, στο τέλος της διάρκειας ζωής τους, πρέπει να επιστρέφονται στην Μοτοιοία για ανακύκλωση. Για περισσότερες πληροφορίες σχετικά με την επιστροφή ενός προϊόντος, επισκεφθείτε τη διεύθυνση http:// www.motorola.com/recycling/weee στο Διαδίκτυο.

Matti: Ghal kiljenti fI-UE: il-prodotti kollha li jkunu waslu fI-ahhar tal-hajja ta' I-užu taghhom, iridu jigu rritornati ghand Motorola ghar-riciklaggi. Ghal aktar taghrif dwar kif ghandek tirritorna I-prodott, jekk joghgbok zur: http://www.motorola.com/recycling/weee.

Românesc: Pentru clienții din UE: Toate produsele, la sfârșitul duratei lor de funcționare, trebuie returnate la Motorola pentru reciclare. Pentru informații despre returnarea produsului accesaţi: http://www.motorola.com/recycling/weee. Slovenski: Za kupce v EU: vsi izdelki se morajo po poteku življenjske dobe vrniti podjetju Motorola za reciklažo.

Za informacije o vra?ilu izdelka obiš?ite: http://www.motorola.com/recycling/weee.

Slovenčina: Pre zákazníkov z krajín EU: Všetky výrobky musia byť po uplynutí doby ich životnosti vrátené spoločnosti Motorola na recykláciu. Bližšie informácie o vrátení výrobkov

Lietuvių: ES vartotojams: visi gaminiai, pasibaigus jų eksploatacijos laikui, turi būti grąžinti utilizuoti į kompaniją "Motorola". Daugiau informacijos, kaip grąžinti gaminį, rasite: http:// nájdete na: http://www.motorola.com/recycling/weee.

Motorola otrreizējai pārstrādei. Lai iegūtu informāciju par produktu nogādāšanu Motorola, lūdzu, skatiet: http://www.motorola.com/recycling/weee. Latviešu: ES klientiem: visi produkti pēc to kalpošanas mūža beigām ir jānogādā www.motorola.com/recycling/weee.

Motorola'ya iade edilmelidir. Ürünlerin nasıl iade edileceği hakkında bilgi için lütfen şu adresi Türkçe: AB Müşterileri için: Kullanım süresi dolan tüm ürünler geri dönüştürme için ziyaret edin: http://www.motorola.com/recycling/weee

Turkish WEEE Statement of Compliance

EEE Yönetmeliğine Uygundur

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Korea Warning Statement for Class B ITE

마트이호 예수	이 기기는 가정용(B급) 전자파적합기기로서 주로	가정에서 사용하는 것을 목적으로 하며, 모든	그 그 이 이 이 이 이 이 이 이 이 이 이 이 이 이 이 이 이 이
(40 (50 (50)	B급 기	(가정용 방송통신기자재)	

Chinese Warning Statement for Class A ITE

of 5 GHz RLAN's in Australia is restricted in the following band 5.50 - 5.65GHz

Declarações Regulamentares- Brazil

Nota: A marca de certificação se aplica ao Transceptor, model AP-7502. Este equipamento opera em caráter secundário, iste de, não tem direito a proteção contra intefreência prejudicial, mesmo de estações do mesmo tipo, e não pode causar intefreência a sistemas operando em caráter primário. Para maiores informações sobre ANATEL consulte o site, www.anatel.gov.br.

Este equipamento opera em caráter secundário, isto é, não tem direito a proteção contra interferência prejudicial, mesmo de estações do mesmo tipo, e não pode causar interferência a sistemas operando em carátei

Este produto está homologado pela Anatel, de acordo com os procedimentos regulamentados pela Resolução n°242/2000 e atende aos requisitos técnicos aplicados, incluindo os limites de exposição da Taxa de Absorção Específica referente a campos elétricos, magnéticos e eletromagnéticos de radiofrequência, de acordo com as Resoluções n° 303/2002 e 533/2009.

Este dispositivo está em conformidade com as diretrizes de exposição à radiofrequência quando posicionado pelo menos 20 centímetros de distância do corpo. Para maiores informações, consulte o site da Anatel.

Este equipo cumple con la Resolución No 403 de 2008, de la Subsecretaria de telecomunicaciones, relativa a radiaciones electromagnéticas.

通过访问以下网址可下载当地语言支持的产品说明书

合格证: Quality Certificate



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accordance with HKTA1039, the band 5.15GHz - 5.35GHz is for indoor operation only' Restrict Frequency Range to: 2.450 - 2.4835 GHz.

La operación de este equipo está sujeta a las siguientes dos condiciones: (1) es posible que este equipo o dispositivo no cause interferencia perjudicial y (2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada. S. Korea

해당 무선설비는 운용 중 전파혹신 가능성이 있음

배당 무선설비는 전파혹신 가능성이 있으므로 인명안전과 관련된 서비스는 할 수 없습니다

Е вимогам технічного регламенту № 1057, № 2008 на обмеження щодо використання деяких небезпечних речовин в електричних та електронних пристроях

Ukraine

เครื่องโทรคมนาคมและอุปกรณ์นี้ มีความสอดคลื่องตามข้อกำหนดของ กทร. Thailand

有毒有害物质或完素

AP-7502 RoHS Compliance

大 (CP²) 8 <u>0</u> ĸĝ \$ E 光学和光学条件 Optics and Optical Components) Cabites and Self-selfs Barts) 电微放电缆条件 (Cables and Cab 全異的作 東部衛葵

〇:表示该有毒有害物质在该醇锌所有均质材料中的含量均在 SJT11363-2006 标准规定的限量要求以下。 X:表示该者毒者害物质巨少在该都件的某一均质材料中的含量超出 SulT11363-2006 标准规定的限量要求。 **刘锜像之日助所备产品,本表表示,公司供应随助电子信息产品可能包含这些物质。法想:在所需产品中可能会也可能不会含有所有所到的部件。**

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Service Information

systems support. If there is a problem with the equipment, they will contact the If you have a problem using the equipment, contact your facility's technical or Motorola Solutions Global Customer Support center

Contact information is available at:

When contacting Motorola Solutions support, please provide the following information:

- Serial number of the unit
- Model number or product name
- Software type and version number

Motorola Solutions responds to calls by e-mail, telephone, or fax within the time limits set forth in support agreements. If you purchased your product from a

Motorola Solutions business partner, contact that business partner for support. Customer Support Web Sites

The Motorola Solutions Support Central Web site, located at:

http://www.motorolasolutions.com/su

provides information and online assistance including developer tools, software downloads, product manuals and online repair requests.

General Information

https://portal.motorolasolutions.com/Support/US-EN/Wireless+Networks

Obtain additional information by contacting Motorola Solutions at: Telephone (North America): 1-800-722-6234