The AP505i model has the following features:
• Radios: 2 radios (one radio at 2.4GHz and the other radio at 5GHz)
• 10/100/1000 Mbps auto-negotiation Ethernet port, R J45
• 1 x 802.3af Ethernet port (PoE)
• Two Ethernet Ports
• Antennas: Eight WiFi Internal antennas
• Enclosure: Plastic only
• Temperature: 0 to +40°C (32°F to 104°F) operating temperature
• Power Source

The AP505i requires a minimum base firmware of WiNG 7.0.

Mounting the AP on a Suspended or Drop Ceiling
The AP can be mounted on a flat ceiling or directly using the mounting bracket on the T-bar. If there is a ceiling tile promotion, add the optional four-adapter to the main mounting bracket prior to T-bar installation.

The AP's largest dimension is approximately 125mm (5.0 inches). To attach an AP to a beam, attach a beam clip (Accessory BBKT-00047A-01) to the T-bar in such a way that there is enough space between the screws and clamp to be tightened. For detailed installation information about the AP505i, see the ExtremeWireless AP505i installation guide.

For installation without the mounting bracket. For detailed instructions, see the ExtremeWireless AP505i Installation Guide.

Connecting a Power Supply to the AP505i
If you need to power the AP505i with an external DC power supply, you can plug this power cord into the power connector on the back of the AP. There is no wall mount for the DC power supply. When this device is powered by a wall mount, the AP must be installed in the area where no interference is expected. For more information about optional power supplies, see the ExtremeWireless AP505i Installation Guide.

LAN/Console Connections
The AP505i has two LAN (Ethernet) ports and a Console port. During administration and maintenance through the LAN or Console, the AP must still be able to communicate with a PC. For more information about optional power supplies, see the ExtremeWireless AP505i Installation Guide.
Brazil
Este produto está homologado pela ANATEL, de acordo com os procedimentos regulamentados pelo Decreto 1118/99, e comprovado a ser apto e em conformidade com as exigências estabelecidas no Regulamento.

Other Countries
The frequency and the maximum transmitted power in EU are listed below:

<table>
<thead>
<tr>
<th>Frequency Range</th>
<th>Power Level (dBm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2412-2457.5 MHz</td>
<td>20.21 dBm</td>
</tr>
<tr>
<td>2462-2487.5 MHz</td>
<td>20.21 dBm</td>
</tr>
<tr>
<td>2492-2507.5 MHz</td>
<td>20.21 dBm</td>
</tr>
<tr>
<td>5150-5350 MHz</td>
<td>22.98 dBm</td>
</tr>
<tr>
<td>5470-5670 MHz</td>
<td>22.98 dBm</td>
</tr>
<tr>
<td>5725-5850 MHz</td>
<td>22.98 dBm</td>
</tr>
<tr>
<td>5260-5320 MHz</td>
<td>22.98 dBm</td>
</tr>
<tr>
<td>5150-5350 MHz</td>
<td>5.27 dBm</td>
</tr>
</tbody>
</table>

European Waste Electrical and Electronic Equipment (WEEE) Notice
In accordance with Directive 2012/19/EU of the European Parliament and the Council of 4 July 2012 on the reuse, recycling and other forms of recovery of waste electrical and electronic equipment, the symbol below is applicable.

Regulatory and Compliance Information
Safety Guidelines
Qualified Personnel:
Electrical Hazard: Only qualified personnel should perform installation procedures. Within the context of the safety notes in this documentation, qualified personnel are defined as persons who are authorized to commission, ground and label devices, and systems in accordance with established safety practices and standards. A qualified personnel is responsible for installing outdoor electrical equipment in accordance with federal regulations.

Federal Communications Commission (FCC) Notice
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 device 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. This equipment should be handled only by a radio/ television technician for help in this matter.

Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

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) the device must accept any interference received, including interference that may cause undesired operation.

Industry Canada Notice
This device complies with RSS-247 of Industry Canada. Operation is subject to the following two conditions: (1) This device may not cause interference and (2) This device must accept any interference received, including interference that may cause undesired operation.

The present apparatus is conforme aux CNR de SÉD applicables aux appareils radio exempts de indemnitaires. 1 exploitation est soumise aux deux conditions suivantes: (i) le dispositif ne doit pas produire de bruitage préjudiciable, de tels bruitages ne peuvent être reconnus que si, après avoir vérifié la cause de l’interférence, il est établi que cet appareil n’est pas à l’origine de ce bruitage; (ii) le dispositif doit accepter toutes les interférences reçues, y compris les interférences qui pourraient occasionner du fonctionnement indésirable.

Caution:
1. The device for operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interaction with mobile satellite systems.
2. The maximum antenna gain permitted for devices in the band 5725-5850 MHz shall be such that the equipment will comply with the e.i.r.p. limits specified for point to point and non-point to point operation as appropriate.
3. Users should also be advised that high-power radars are now being used by a primary users (i.e. priority users) of the bands 5250-5350 MHz and that these radars could cause interference and/or damage to LE-LAN devices.

Avvistamento:
1. I dispositivi funzionando nella banda 5150-5250 MHz sono previsti per un utilizzo indoor per ridurre il rischio di interferenza con sistemi satellitari mobili in fase di collegamento mobile.
2. Il massimo guadagno di antenna consentito per i dispositivi funzionanti nella banda 5725-5850 MHz è tale da garantire conformità con le limitazioni di e.i.r.p. specificate per l’operazione in modo P2P e N-P2P come appropriato.
3. Gli utenti vengono inoltre consigliati che gli alti poteri di antenna potrebbero essere utilizzati da radari prioritari (i.e. priorità all’utente) delle bande 5250-5350 MHz, che potrebbero causare interferenza e/o danni ai dispositivi LAN-EL.

Warning: FCC Radiation Exposure Statement:
The equipment complies with the applicable radiation exposure limits set forth for an uncontrolled environment.

Warning: Industry Canada Notice:
The equipment complies with RSS-210 of the Canadian Department of Communications. Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Industry Canada Notice:
The equipment complies with RSS-247 of Industry Canada. Operation is subject to the following two conditions: (1) This device may not cause interference and (2) this device must accept any interference received, including interference that may cause undesired operation.

Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

This device complies with Industry Canada license-exempt RSS standards.

Warning: Industry Canada Notice:
This equipment complies with the applicable radiation exposure limits set forth for an uncontrolled environment.

Warning: Industry Canada Notice:
The equipment complies with RSS-210 of the Canadian Department of Communications. Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CE Information


All Operational Modes
2.4GHz: 802.11b, 802.11g, 802.11n (HT20), 802.11ac (HT40), Bluetooth LE, 802.11ax (HEW80), 802.11ax (HEW40)
5.1GHz: 802.11a (HT20), 802.11a (HT40), 802.11ax (VHT20), 802.11ax (VHT40), 802.11ax (VHT80), 802.11ax (VHT160), 802.11ax (HEW80), 802.11ax (HEW40)

Environmental Compliance
In accordance with Directive 2012/19/EU of the European Parliament and the Council on Waste Electrical and Electronic Equipment (WEEE), the following product utilizes lead-free components.

Manufacturers are strongly encouraged to reduce the use of hazardous substances in electrical and electronic equipment.

Other Countries
Hearty, Extreme Networks declares that this Radio LAN device (AP505i) is in compliance with Directive 2014/53/EU. For all the rest of the EU countries, please contact Extreme Regulatory Compliance at compliance@extremenetworks.com.

Disclaimer of Conformity in Languages of the European Community
English
Hereby, Extreme Networks, declares that this Radio LAN device (AP505i) is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.

Finnish

French
Par la présente, Extreme Networks déclare que l’appareil Radio LAN device (AP505i) est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 2014/53/UE.

German
Hiermit erklärt Extreme Networks die Übereinstimmung des "WLAN LAN-Device (AP505i)" mit den Anforderungen der Richtlinie 2014/53/EU und mit allen anderen Bestimmungen, die aus dieser Richtlinie entnommen sind.

Italian
Con la presente, Extreme Networks dichiara che questo Radio LAN device (AP505i) è conforme agli requisiti essenziali ed alle altre disposizioni applicabili della Direttiva 2014/53/UE.

Portuguese
Por medio da presente Extreme Networks declara que o Radio LAN device (AP505i) está em conformidade com os requisitos essenciais e outras disposições da Diretiva 2014/53/UE.

Spanish
Por medio de la presente Extreme Networks declara que el Radio LAN device (AP505i) cumple con los requisitos esenciales y cualquier otra disposición aplicable establecida en la Directiva 2014/53/UE.

Notice
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