

Straightpoint Wireless Approvals

CE



Complies with EMC directive. 2014/30/EU
The Radio Equipment Directive, 2014/53/EU,

European Community, Switzerland, Norway, Iceland, and Liechtenstein

- English: This equipment is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.
- Deutsch: Dieses Gerät entspricht den grundlegenden Anforderungen und den weiteren entsprechenden Vorgaben der Richtlinie 2014/53/EU.
- Dansk: Dette udstyr er i overensstemmelse med de væsentlige krav og andre relevante bestemmelser i Direktiv 2014/53/EU.
- Español: Este equipo cumple con los requisitos esenciales así como con otras disposiciones de la Directiva 2014/53/EU.
- Français: Cet appareil est conforme aux exigences essentielles et aux autres dispositions pertinentes de la Directive 2014/53/EU.
- Íslenska: Þessi búnaður samrýmist lögboðnum kröfum og öðrum ákvæðum tilskipunar 2014/53/EU.
- Italiano: Questo apparato è conforme ai requisiti essenziali ed agli altri principi sanciti dalla Direttiva 2014/53/EU.
- Nederlands: Deze apparatuur voldoet aan de belangrijkste eisen en andere voorzieningen van richtlijn 2014/53/EU.
- Norsk: Dette utstyret er i samsvar med de grunnleggende krav og andre relevante bestemmelser i EU-direktiv 2014/53/EU.
- Português: Este equipamento satisfaz os requisitos essenciais e outras provisões da Directiva 2014/53/EU.
- Suomalainen: Tämä laite täyttää direktiivin 2014/53/EU oleelliset vaatimukset ja on siinä asetettujen muidenkin ehtojen mukainen.
- Svenska: Denna utrustning är i överensstämmelse med de väsentliga kraven och andra relevanta bestämmelser i Direktiv 2014/53/EU.

This equipment is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.

Manufactured in the UK by: Mantracourt Electronics Ltd, The Drive, Farringdon, Exeter, Devon, EX5 2JB, UK

IC



Industry
Canada Industrie
Canada

IC:7224A-RA24

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (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.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

This radio transmitter RA24 has been approved by Industry Canada to operate with the antenna types listed below with the maximum permissible gain and required antenna impedance for each antenna type indicated. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.

Antenna	Gain (dBi)	Antenna Type	Manufacturer/Vendor
Ant A	3	Inverted F	Mantracourt
Ant C	2.2	½ wave Dipole	Mantracourt
Integrated	1.3	Chip antenna	Mantracourt

To comply with Industry Canada RF radiation exposure limits for general population, the antenna(s) used for this transmitter must be installed such that a minimum separation distance of 5 cm is maintained between the radiator (antenna) and all persons at all times and must not be co-located or operating in conjunction with any other antenna or transmitter.

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FCC

FC

Family: RA24
Models: i and e**FCC ID: VHARA24**

- 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.
- This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
- Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment

For use with antennas: integrated, T24-ANTA, T24-ANTB, T24-ANTC, T24-ANTD, T24-ANTE antennas and those listed in the table below.

Manufacturer Code	Description	Gain	Available From
DELTA7A	Dual band 2.4 or 5.8GHz Hinged mount whip	2.1dBi	Sequoia
DELTA14	Stubby WiFi / WLAN Antenna	2.0dBi	Sequoia
DELTA15/SMAM/RA/RP11	2.4GHz Right angle RPSMA	2.0dBi	Sequoia
1699481	AUREL ANT.RP SMA 2.4GHz	2.0dBi	Farnell Electronic Components
537-785	EAD, FBKR35068-RS-KR WiFi Antenna	2.0dBi	RS Components

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EU DECLARATION OF CONFORMITY

We, the undersigned:

Name of Manufacturer: **Mantracourt Electronics Ltd**
Address: **The Drive, Farrington, Exeter,
Devon, EX5 2JB**
Country: **United Kingdom**

Declare under our sole responsibility that the **T24 Telemetry Product Range** is in conformity with the following relevant Union harmonisation legislation:

LVD Directive 2014/35/EU
EMC Directive 2014/30/EU
RoHS Directive 2011/65/EU
Radio Equipment Directive 2014/53/EU

Based on the following harmonised standards:

EN 61326-1:2013
EN 61326-2-3:2013
EN 61010-1:2010
EN 300328 V1.9.1

Name and position of person binding the manufacturer or authorised representative:

Signed



Name: **Robert Willmington-Badcock**
Function: **Managing Director**
Location: **Mantracourt Electronics Ltd**
Date of issue: **25th April 2016**



FCC ID: VHARA24

IC:7224A-RA24



 **mantracourt**

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