Hand Held Interrogator Module

EV3-HHI-M

In the EV3 solution set, the hand-held interrogator capability can be achieved by attaching this EV3-HHI-M clip-on-module onto the Motorola MC9090 hand-held computer. By extending upon the highly functional MC9090 platform, this ISO18000-7 capable clip-on module yields a field-robust, and non-incendiary hand-held platform through which the rest of the EV3 network can be read, monitored and managed. Where the end-user already has the hand-held computers on hand, addition of this EV3-HHI-M module is a highly cost-effective, yet powerful solution path to enhancing the network's visibility and capabilities.

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

WARNING: Changes or modifications not expressively approved by the party responsible for compliance could void the user's authority to operate the equipment.

EV3-HHI-M

RFID Protocol	ISO 18000-7:2008
Frequency	433.92MHz
Antenna	Whip antenna
Data Rate	27.7kHz
Range	250 feet unobstructed
Weight	9.2 oz (260.8 g)
Compliance	FCC, HERO

EV3-HHI-M with MC-9090

Communications	802.11a/b/g, Bluetooth, Ethernet or USB when connected to adapter or cradle (EV3-HHI-M removed)
Dimensions	10.25″L x 4.75″W x 7.7″H
Weight	2.16 lb (1Kg)
Operating Temperature	-20°C to +50°C
Dust / Moist	IP 64

EVIGIA TAG READER INSTALLATION & COMPLIANCE INFORMATION

NOTE: This system must be installed by experienced professional installers who are familiar with radio frequency (RF) equipment operation as well as local building and safety codes. Failure to do so may void the Product Warranty, as well as expose the end user to legal and/or financial liabilities.

Information to the professional installer

WARNING: Changes or modifications not expressively approved by the party responsible for compliance could void the user's authority to operate this equipment. In addition, this device has been designed to operate only with the antenna listed below. Any antennas or cable not included below is strictly prohibited for use with this device. The required antenna impedance is 50 ohms.

Evigia Monopole PN: 830A0002

NOTICE: Pursuant to FCC Part 15.240 requirements, Evigia provides the following information to the Professional Installer to ensure continued compliance with the operational restrictions in paragraphs FCC 15.240 (a) and (e) for TAG READERS operating under 15.240.

Use of this READER with part 15.240 modes is restricted to the identification of the contents of commercial shipping containers. Operations must be limited to commercial and industrial areas such as ports, rail terminals and warehouses. These devices shall not be used for any form of voice communication. Furthermore, to prevent interference to Federal Government radar systems, these devices are not permitted to be employed within 40 kilometers of the following locations:

DoD Radar Site	Latitude	Longitude
Beale Air Force Base	39º 08’ 10” N	121º 21’ 04” W
Cape Cod Air Force Station	41º 45’ 07” N	070º 32’ 17” W
Clear Air Force Station	64º 55’ 16” N	143º 05’ 02” W
Cavalier Air Force Station	48º 43’ 12” N	097º 54’ 00” W
Eglin Air Force Base	30º 43’ 12” N	086º 12’ 36” W

Information to FCC Office of Engineering Technology:

Pursuant to FCC Part 15.240 requirements, Evigia will provide information on the locations where the READERS are installed and employ 15.240 operation to the FCC Office of Engineering and Technology to ensure continued compliance. The information provided to the Commission shall include the name, address, telephone number and e-mail address of the user, the address and geographic coordinates of the operating location, and the FCC identification number of the device. The material shall be submitted to the address at the bottom of this page.

Information to the End User:

If your device operates in modes consistent with FCC Part 15.240, then as the end user of this device, you will be responsible for submitting updated information in the event the operating location of this READER changes after the initial installation. You must provide to the US Federal Communications Commission, your name, address, telephone number and e-mail address, the address and geographic coordinates of the operating location, and the FCC identification number of the device. The material shall be submitted to the following address:

Experimental Licensing Branch, OET
Federal Communications Commission
445 12th Street, S.W.
Washington, D.C. 20554
ATTN: RFID Registration