

## Identification

*Duo-Touch II (IX350)*

### **Copyright Notice**

© 2007 Copyright General Dynamics Itronix Corporation. All rights reserved. No part of this document may be reproduced, transmitted, transcribed, stored in a retrieval system, or translated into any other language or computer language in whole or in part, in any form or by any means, whether it be electronic, mechanical, magnetic, optical, manual, or otherwise, without the prior written consent of General Dynamics Itronix Corporation, 12825 E. Mirabeau Parkway, Spokane Valley, WA 99216.

### **Disclaimer**

This document is created in the U.S.A. General Dynamics Itronix reserves the right to revise the manual and make periodic changes to the content without a direct or inferred obligation to notify any person of such revision or changes. General Dynamics Itronix does not assume responsibility for the use of this help manual, nor for any patent infringements or other rights or third parties who may use the manual.

This document contains valuable trade secrets and proprietary information of General Dynamics Itronix.

This product is available for purchase under General Dynamics Itronix's standard terms and conditions of sale. General Dynamics Itronix hardware products may be reconditioned, or be manufactured from parts and components that may be new, used, rebuilt, or recycled and, in some cases, the hardware product may not be new and may have been previously installed. In any event, General Dynamics Itronix warranty terms apply.

### **Trademark and Patent Notice**

Itronix is a registered trademark of General Dynamics Itronix.

Duo-Touch is a registered trademark of General Dynamics Itronix.

Microsoft, MS Windows, and MS-DOS are registered trademarks of Microsoft Corporation.

IBM is a trademark of International Business Machines Corporation.

The following United States Patent Numbers apply to any unit which incorporates a DVD drive - 5,434,678; 5,589,945; 5,913,013; 6,151,444; and 6,208,805.

## Compliance Statements

### **Federal Communication Commission Interference Statement**

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 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.

### **FCC CAUTION**

To assure continued compliance, (example - use only shielded interface cables when connecting to computer or peripheral devices) any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this 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) This device must accept any interference received, including interference that may cause undesired operation.

### **IMPORTANT NOTE**

## ***FCC Radiation Exposure Statement***

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

## ***Local Restriction of 802.11a/b/g/n Radio Usage***

**CAUTION** Due to the fact that the frequencies used by 802.11a/b/g/n wireless LAN devices may not yet be harmonized in all countries, 802.11a/b/g/n products are designed for use only in specific countries, and are not allowed to be operated in countries other than those of designated use. As a user of these products, you are responsible for ensuring that the products are used only in the countries for which they were intended and for verifying that they are configured with the correct selection of frequency and channel for the country of use. Any deviation from permissible settings and restrictions in the country of use could be an infringement of national law and may be punished as such.

## ***FCC Radio Frequency Interference Requirements***

This device is restricted to indoor use due to its operation in the 5.15 to 5.25 GHz frequency range. FCC requires this product to be used indoors for the frequency range 5.15 to 5.25 GHz to reduce the potential for harmful interference to co-channel Mobile Satellite systems. High power radars are allocated as primary users of the 5.25 to 5.35 GHz and 5.65 to 5.85 GHz bands. These radar stations can cause interference with and /or damage this device.

## ***REN***

The Duo-Touch II (IX350) computer complies with Part 68 of the FCC Rules. On the bottom of this equipment is a label that contains, among other information, the FCC registration number and ringer equivalence number (REN) for this equipment. If requested, this information must be provided to the telephone company.

The REN is used to determine the quantity of devices which may be connected to the telephone line. Excessive RENs on the telephone line may result in the devices not ringing in response to an incoming call. In most, but not all areas, the sum of the RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to the line, as determined by the total RENs, contact the telephone company to determine the maximum REN for the calling area.

The Duo-Touch II (IX350) computer may be connected to the telephone network using the RJ-11 jack provided.

If this equipment causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. If advance notice isn't practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary.

The telephone company may make changes in its facilities, equipment, operations, or procedures that could affect the operation of the equipment. If this happens, the telephone company will provide advance notice in order for you to make the necessary modifications in order to maintain uninterrupted service.

If trouble is experienced with this equipment, please contact the equipment manufacturer for repair and/or warranty information. Do not attempt repairs of this equipment yourself without obtaining manufacturer authorized parts and documentation. If the trouble is causing harm to the telephone network, the telephone company may request you remove the equipment from the network until the problem is resolved.

## ***Compliance Statement for Canada***

**NOTICE** The Industry Canada label identifies certified equipment. This certification means that the equipment meets certain telecommunications network protective, operational and safety requirements as prescribed in the appropriate Terminal Equipment Technical Requirements document(s). The Department does not guarantee the equipment will operate to the user's satisfaction.

Before installing this equipment, users should ensure that it is permissible to be connected to the facilities of the local telecommunications company. The equipment must also be installed using an acceptable method of connection. The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations.

Repairs to certified equipment should be made by a representative designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user to disconnect the equipment.

Users should ensure for their own protection that the electrical ground connections of the power utility, telephone lines, and internal metallic water pipe system, if present, are connected together. This precaution may be particularly important in rural areas.

**CAUTION!** Users should not attempt to make such connections themselves, but should contact the appropriate electric inspection authority, or electrician, as appropriate.

The Ringer Equivalence Numbers (REN) are:

Duo-Touch II (IX350) non-radio: 0.5B

Duo-Touch II (IX350) Cingular: 0.5B

**NOTICE** The Ringer Equivalence Number (REN) assigned to each terminal device provides an indication of the maximum number of terminals allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the Ringer Equivalence Numbers of all the devices does not exceed 5.

The Duo-Touch II (IX350) Tablet PC may be connected to the telephone network using the RJ-11 jack provided.

## Fax Branding

The Telephone Consumer Protection Act of 1991 makes it unlawful for any person to use a computer or other electronic device to send any message via a telephone fax machine unless such message clearly contains in a margin at the top or bottom of each transmitted page or on the first page of the transmission, the date and time it is sent and an identification of the business, entity, or individual sending the message and the telephone number of the sending machine or such business, entity, or individual.

In order to program this information into your fax machine, you should complete the following:

*This information is entered through the FAX application software you have installed. Consult your FAX software documentation for instructions about entering this information.*

## Warnings and Cautions

**WARNING** It is important that only authorized General Dynamics Itronix personnel attempt repairs on this equipment as this might void any maintenance contract with your company. Unauthorized service personnel might be subject to shock hazard on some General Dynamics Itronix equipment if removal of protective covers is attempted.

The product you have purchased is powered by a rechargeable battery. The battery is recyclable and, under various state and local laws, it may be illegal to dispose of this battery into the municipal waste stream. Do not crush the battery or place it in a fire. Check with your local solid-waste officials for details on recycling options or proper disposal.

**CAUTION** Internal components of the Duo-Touch II (IX350) Tablet PC will be damaged if exposed to contaminants. When dust covers, or the bottom access panel are open on the computer, shield the unit from all contaminants such as liquids, rain, snow, and dust.

Internal radio(s) may have an individual FCC Identifier which are not applicable to this configuration. Only the FCC ID shown on the label located on the bottom of the IX350 Tablet PC is applicable. The IX350 computer must not be co-located or operating in conjunction with any other antenna or transmitter than specified in the filing.

This device may contain a WLAN radio transmitter and a PAN radio transmitter. To comply with FCC RF exposure requirements when using the WLAN transmitter, a minimum separation distance of 20 cm must be maintained between the upper right and left of the display screen and all users/bystanders. When using the Pan transmitter, a minimum separation distance of 20 cm must be maintained between the left edge of the display screen and all users/bystanders. The WLAN and PAN transmitter should be turned off before carrying the Tablet PC order to comply with FCC RF exposure requirements.

*"The equipment has been approved to [Commission Decision "CTR21"] for pan-European single terminal connection to the Public Switched Telephone Network (PSTN). However, due to differences between individual PSTNs provided in different countries the approval does not, of itself, give an unconditional assurance of successful operation on every PSTN network termination point."*

*In the event of problems, you should contact your equipment supplier in the first instance.*

This product is intended to be supplied by a Listed Power Unit and output rated 19 V dc, 3.42 A.

**CAUTION** Always disconnect all telephone lines from the wall outlet before servicing or disassembling this equipment.

**CAUTION** To reduce the risk of fire, use only a No. 26 AWG or larger telecommunication line cord.

## Safety Information

Enclosed with each IX350 Tablet PC is the radio specific safety information. Do not proceed without reviewing the information provided in that document.

Do not proceed beyond a **WARNING** or **CAUTION** until the indicated conditions are fully understood and met.

---

72\_0135\_001  
2007 July 17

© 2007 General Dynamics - Itronix All rights reserved.