



Value through Innovation

Zeus™ All-in-One Outdoor Industrial Touchscreen Computer User Manual



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ID TECH

IDDD-21520

Model: 6235ANHMW

FCC ID: PD96235ANH

Federal Communication Commission Interference Statement

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 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 Compliance Statement

This device complies with part 15 of the FCC rule. Operation is subject to the following two conditions: This device may not cause harmful interference, and This device must accept any interference received, including interference that may cause undesired operation.

Important: Changes or modifications to this product not authorized by manufacturer could void the EMC compliance and negate your authority to operate the product.

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

This product has demonstrated EMC compliance under conditions that included the use of compliant peripheral devices and shielded cables (including Ethernet network cables) between system components. It is important that you use compliant peripheral devices and shielded cables between system components to reduce the possibility of causing interference to radios, television sets, and other electronic devices.

For product available in USA/Canada market, only channel 1~11 can be operated. Selection of other channels is not possible.

CE STANDARDS

An independent laboratory performed testing for compliance to CE requirements. The unit under test was found compliant to Class B.

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USB (Universal Serial Bus) Specification is Copyright by Compaq Computer Corporation, Intel Corporation, Microsoft Corporation, and NEC Corporation.

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1. Introduction

ID TECH's Zeus is an all-in-one industrial touchscreen computer built to withstand harsh outdoor environments. Zeus has features such as a versatile touch screen and a built-in webcam for customer interactions. Zeus has options such as Dual-Band WiFi, LAN, USB, RS232, and Bluetooth, and is an ideal solution for a variety of applications.

Model Number designation

Zeus IDDD-21520

2. Features

Language	English
Time and Currency Format	English (United States)
Keyboard/ Input Method	United States
User Name	Administrator
Computer Name*	IDDD-21520
Account Password	No Password
Windows Update Preferences	Automatic updated turned off
Time Zone, Date & Time	UTC-08:00, Pacific Time

All parameters can be changed through the Control Panel.

1. To change the **Computer Name**, click **Control Panel > System**.
2. Find **Computer Name**, click **Domain > Workgroup Settings > Change Settings**.
3. Under the **Computer Name** tab type the new computer name in the **Computer Description** field.
4. Click **OK**.

3. System Recovery

To reset the Zeus to factory default using **System Recovery**, follow these steps:

1. Power on the Zeus unit.
2. Press **F9** when BIOS information appears.
3. Zeus will recover to factory default. (DO NOT UNPLUG THE POWER WHILE RECOVERY IS RUNNING.)
4. When recovery is complete, system will restart

CAUTION: Zeus files will delete after System Recovery.

4. Specifications

Screen	
Active Screen Size	21.5 inches
Display Area	18.77 inches x 10.56 inches (476.64mm x 268.11mm)
Display Colors	16.7M colors
Resolution	1920 x 1080 max
System Brightness	1,000 nits, sunlight readable
Backlight	LED
Touch Screen	Infrared
Electrical	
Operating System	Windows
Processor	Intel Atom Processor N2807
Speed	1.86 GHz
Memory/ Storage	2GB RAM (4GB maximum)/ 60GB Solid-State Drive
Webcam	2.0 megapixel
I/O	USB 2.0 (x3), RS232 COM Port, 1 Gigabit Ethernet Port, Dual-Band WiFi, Bluetooth 4.0
Environmental	
Operating Temperature	-40° F to 140° F (-40° C to 60° C) with built-in heater
Humidity	5-90% non-condensing
Reliability	
Warranty	One year, Optional extended warranty up to four years
Approvals	FCC, CE, UL
Mechanical	
Dimension (L)x(W)x(H)	22.60 in. (574mm) x 3.27 in. (83mm) x 14.06 in. (357mm)
Weight	16.53 lbs (7.5 KG)
Color	Black
IP Rating	IP 65 (front)
Mounting	VESA 200
Software	
OS	Windows Embedded POS Ready/Ind Pro Retail

5. Internal Specifications

Zeus has an internal heater with a 4-temperature sensor monitored by a Micro-Controller Unit (MCU). When Zeus is off and the ambient temperature is below -20°C , the MCU will hold the power button, activate the heater, and heat the device until it is above -20°C . A powered-on MCU will monitor for high temperatures. When the temperature is over 40°C , the MCU will start the FANs of the system.

WARNING: Zeus has no internal serviceable components and opening it voids the warranty.