

Z-721x Series Product

QUICK START & REGULATORY GUIDE




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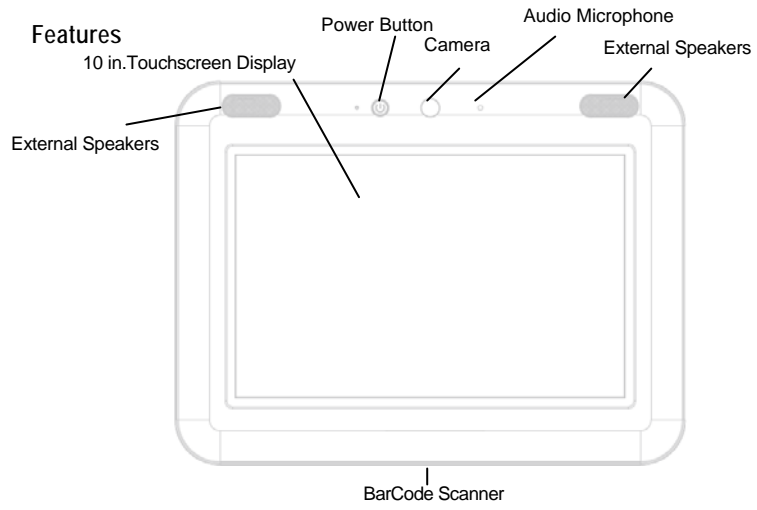


Figure 1. *Front view*

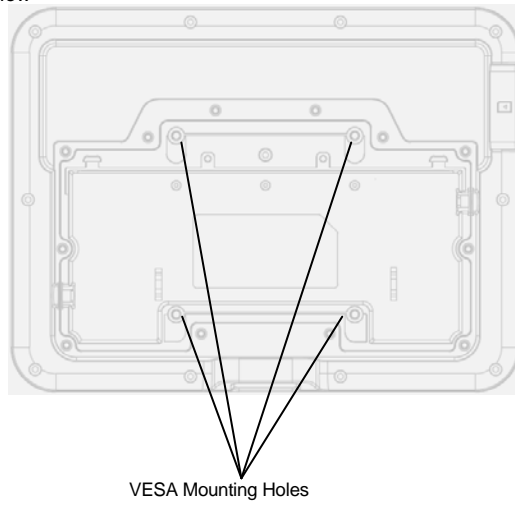
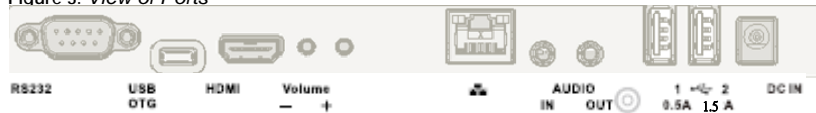


Figure 2. *BackView*

Figure 3. View of Ports



Overview

Z-721x Series product is a pre-assembled system consisting of the following:

- 10 in. touchscreen display
- Concierge HUB
- Barcode scanner

The final system hardware configuration may change based on customer preference, including additional accessories (sold separately).

The final system mounting/installation is decided by the customer (e.g., mounting the system on a wall, on a stand, or within a customer designed enclosure).

Ensure the mounting configuration allows end-users to easily interact with the Concierge touchscreen, and allows adequate space for end-users to scan products using the bar code scanner.

Unpacking

Carefully remove the Z-721x from the packaging to avoid damaging the touchscreen display. Once removed from its packaging, inspect it for damage.

Please keep the packaging as it is the approved shipping container, and should be used if the Z-721x needs to be returned for servicing.

Cleaning and Maintenance

- Always turn off the product before cleaning.
- The touchscreen surface may be cleaned using a soft clean cloth moistened with mild window glass commercial cleaners.
- Use a soft cloth moistened with mild detergent to clean the display housing.
- Do not touch the display screen surface with sharp or hard objects.
- Do not use abrasive cleaners, waxes or solvents for cleaning.
- Do not operate the product under the following conditions:
 - Extremely hot, cold, or humid environments.
 - Near any appliance generating a strong magnetic field.
 - In direct sunlight.

Configuration Notes

The instructions, and screen captures in this guide describe default software applications included with the Concierge. Customers and/or partners may develop, and install additional custom software applications which run on the Concierge. In addition, customers and/or partners may choose to add their own hardware accessories prior to installation. Therefore, actual software and hardware configurations may vary at individual sites.

Mounting the Z-721x

NOTE The instructions in this guide provide basic installation guidance for the Z-721x system.



WARNING Always utilize professional installers to safely install, mount, and supply power to the Concierge Z-721x. Always ensure Z-721x mounting, and power routing meets regional building codes.



IMPORTANT The wall outlet must be located near the Z-721x, and be easily accessible.



Mounting brackets are not sold with the Z-721x system. Obtain the appropriate mounting brackets to mount the Z-721x using a mounting bracket which complies with the VESA mounting standard(100 mm x 100 mm).

The total weight of the Z-721x system (without additional accessories, or modifications is 3 lbs/1.4 kg).

For safety purposes, mounting brackets should be certified to support the total weight of the final system (including additional accessories, or modifications by the customer).

To mount the Z-721x using the appropriate mounting bracket:

1. The Z-721x mounting inserts are M4 x 10 mm. When selecting the appropriate screw length, ensure its length safely engages the threads, but does not penetrate the Z-721x bezel enclosure more than 0.39 in./10 mm.
2. Align the mounting holes on the selected mounting bracket with the mounting holes on the Z-721x bezel enclosure.

3. Insert, and tighten the screws through each of the four aligned mounting holes.

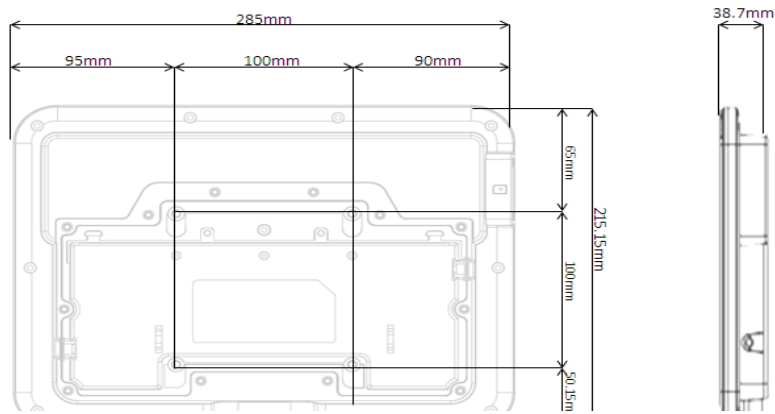


Figure 3. Z-721x Mounting Dimensions

Getting Started

1. Obtain a power cord (60320 C13 IEC) that is appropriate for your region and amperage. Alternatively, this device support Power Over Ethernet.
2. Plug-in the male end of the power cord to the wall socket.

Scanning Bar Codes

To scan bar codes:

1. Hold a bar-coded item approximately 6 to 12 inches from the scanner's exit window.
2. When the scanner's proximity sensor senses the item a red LED, and laser aiming pattern projects which enables the user to position the bar code within its field of view.
3. Center the printed bar code symbol within the aiming pattern, ensuring the entire symbol is within the illuminated rectangular area formed by the pattern.
4. Upon a successful scan, bar code data transmits to the Concierge application.

SYSTEM	
CPU	TI OMAP 4470 Dual core 1.5GHz
Operating System	Android 4. 2 . 2
Memory	1GB RAM & 16GB ROM(Optional : 64G)
Display	10.1" 1280x800 IPS; Capacitive type 5 points touch
Scanner	1D/2D decoding capability (Option)
Audio	2 x 1W speaker 1 x microphones
Camera	Front: 5Mpixel 1080p 30fps capable imager(Optional)
Buttons	1. Power*1 2. Volume (up and down)
I/O	HDMI x1; USB x 2: --USB2.0 High Speed Type A (Host) port (current output up to 1.5A) --USB2.0 High Speed Type A (Host) port(current output up to 0.5A) Micro USB x1: MicroUSB2.0 High Speed Host + Client (OTG) port Audio in: External 3.5 mm port for external microphone Audio out: External 3.5 mm port for stereo analog audio out RS232 x 1;
Expansion Slot	Support to 64G ; SDXC Card expansion capability (FAT32 format)
Network	
WPAN	Bluetooth V2.1 + EDR
WLAN	Dual Band (2.4 & 5GHz) 802.11a / b / g / n
Ethernet	1 Giga Ethernet RJ45
POWER	
Input interface	1. POE input: IEEE 802.3af/at; Classification:4 ;max. 25.5W. 2. AC adapter(Optional): Input:AC100~240C, 50~60 Hz ;Output: 12VDC / 4.16A
PHYSICAL	
Dimension	(L) 285mm x (W) 215.15mm x (H) 38.7mm
Weight	1340g
ENVIRONMENTAL	
Operating Temperature	0~50°C
Storage Temperature	-20~70°C
Humidity	20 ~ 90% RH (non-condensing)
Environmental Sealing	IP54 rated sealing(with back cover sealed)
ACCESSORIES	
Option Accessory	Adapter(Input: AC100~240V, 50~50 Hz ; Output: 12VDC / 4.16A)
Other	
Installation spec	Support VESA MIS-D 100 (100mm x 100mm)

Notes :

FEDERAL COMMUNICATIONS 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 or more 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.

CAUTION:

Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.

RF exposure warning

This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provide with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.

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.