

Qx+

Configuration & Installation Guide



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Acknowledgements

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Package Contents

Qx+ Meeting Room Screen
Mains Power Adapter

Pre-Requisites

ResourceXpress server with at least one room profile configured for use with a Qx+ screen.
Local mains outlet and 802.11b/g/n Wi-Fi network or RJ45 LAN connection port

Qx+ Description

Qx+ is the wireless Android touchscreen for use with the ResourceXpress innovative and intelligent resource management system

It has a large 10.1" wide screen with 1280 x 800 resolution for a clear display of room information

Robust capacitive 5-point touchscreen technology provides excellent responsiveness to touch

Wi-Fi 802.11b/g/n or LAN connection via the 10/100 Mbps Ethernet port with POE (Power over Ethernet)

Low profile sleek design with 75mm VESA mounting facility

Central server managed by ResourceXpress so fully scalable for enterprise wide solutions

This model supports ResourceXpress Client v4.2 or later

Specification

Panel Information	
Screen size	10.1"
Resolution	1280 x 800
Brightness	450 cd/m ²
Contrast Ratio	600:1
Aspect ratio	16:9
Viewing Angle	80/80-80/80
Touch Technology	Capacitive 5 Point

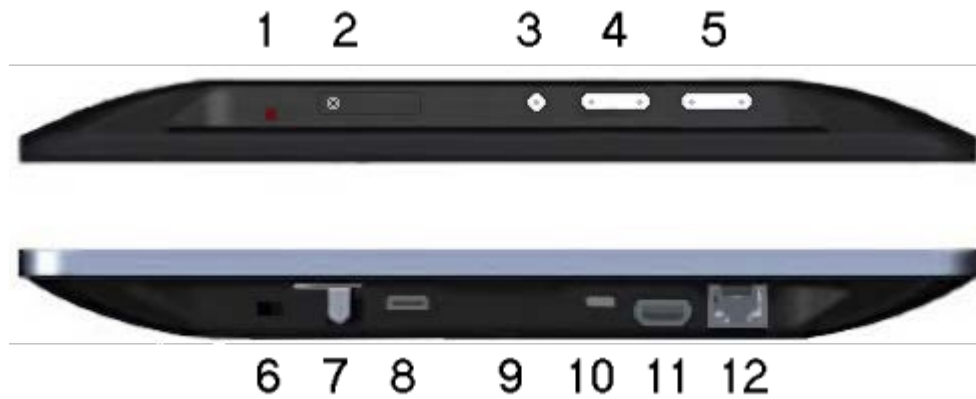
Hardware and OS	
CPU	Quad Core, 1.6GHz
Graphics Hardware	RK 616
Internal Memory	2GB, DDR SDRAM
Flash Memory	8GB NAND Flash
Operating System	Android KitKat

Communications	
Bluetooth	4.0
Wi-Fi	802.b/g/n
Wired Ethernet	wired 10/100 Ethernet with POE

General Information	
I/O Ports	DC/ SD/USB 2.0x 1/Micro USB/Mini HDMI/Ethernet Port
DC Input	9-12v
Power Supply	12v/2.0A
Power consumption	14W (max)
Operation Temperature	0-40 centigrade
Relative humidity	0.85
Certifications	ROHS. FCC & CE compliant, PSU is also UL, UN38.3 compliant

Dimensions	
Size	W252 x H178 x D24mm
Weight	594g
Product carton size	L323 x W240 x H112mm
Master carton (3 units)	L570 x W325 x H242mm
Master carton weight	4.5Kg
Certifications	ROHS. FCC & CE compliant, PSU is also UL, UN38.3 compliant

Rear Panel Controls



Top

- 1 LED
- 2 SD Slot and Cover
- 3 Menu/Enter Button
- 4 Function Keys Up/Down
- 5 Function Keys Up/Down

Bottom

- 6 Power Switch
- 7 DC In
- 8 Mini HDMI Out
- 9 Add-in module slot
- 10 Micro USB
- 11 USB Type A
- 12 Ethernet RJ45

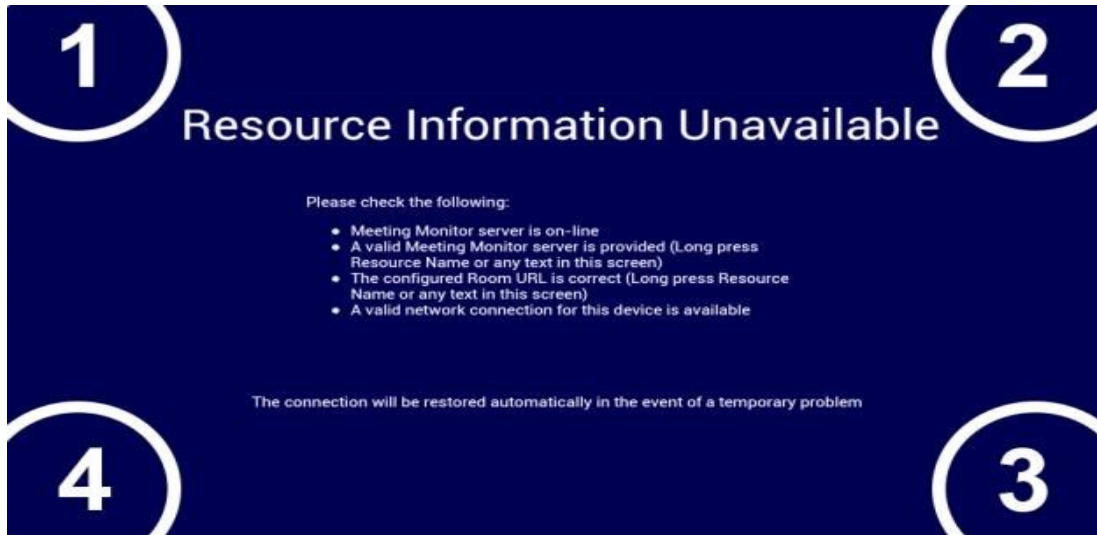
Procedures

Power On

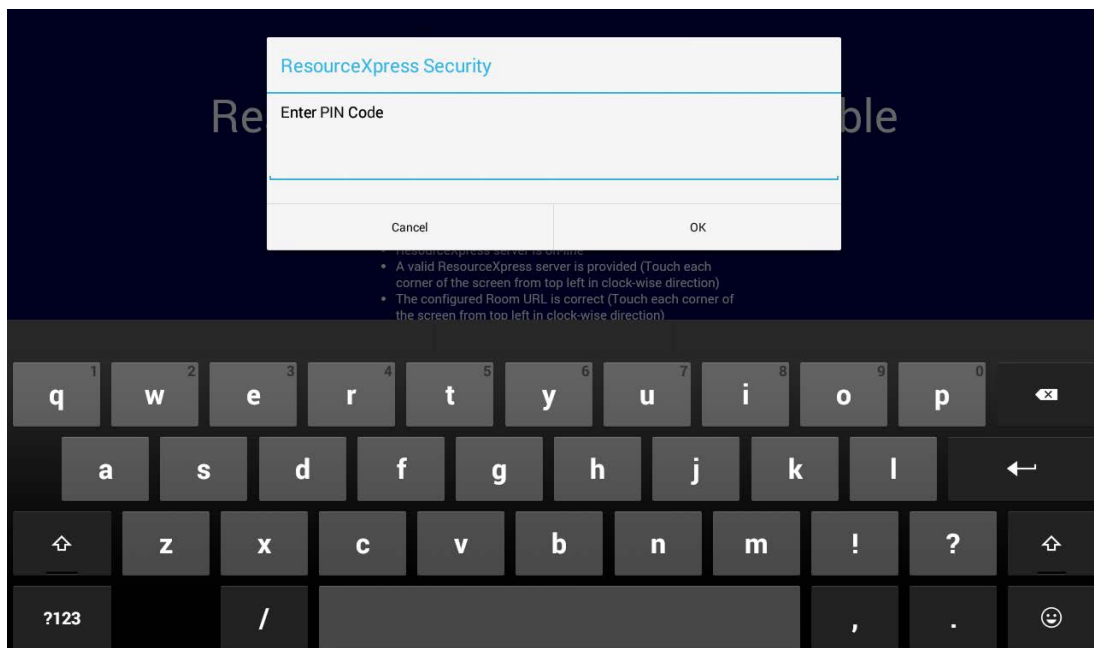
Ensure the screen is connected to a power supply using the provided power cable. The LED (See 1 above) will be lit up on the top edge of the device.

Configure Wi-Fi

After the power up sequence the image below will be displayed on the screen. Touch the four corners of the screen starting top left and going clockwise, as indicated by the numbers below.

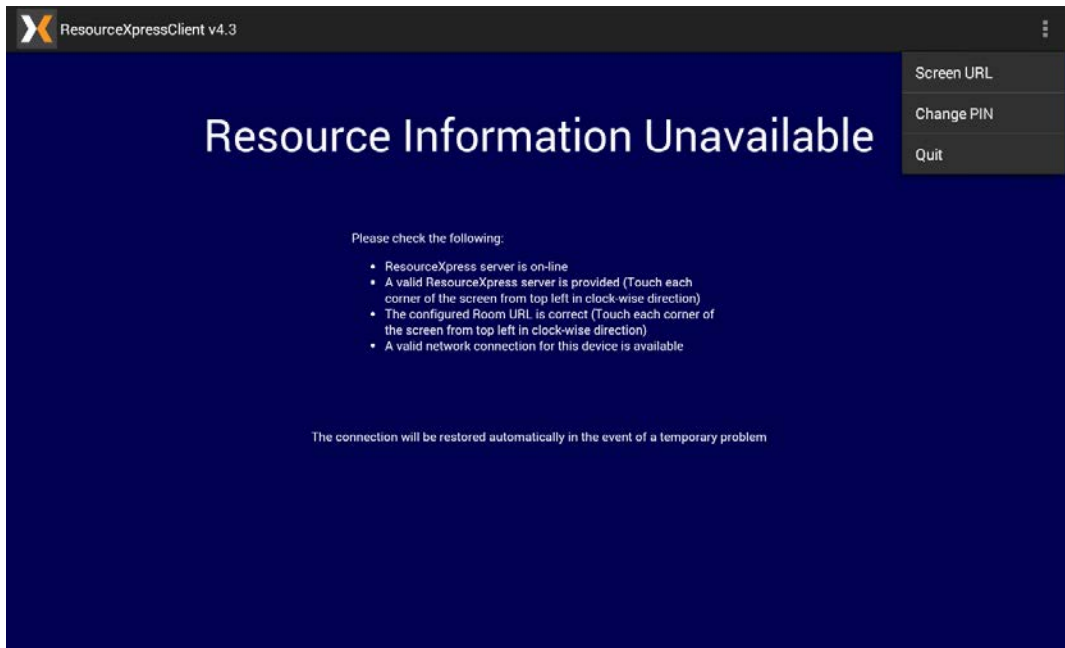


The PIN code prompt will appear.

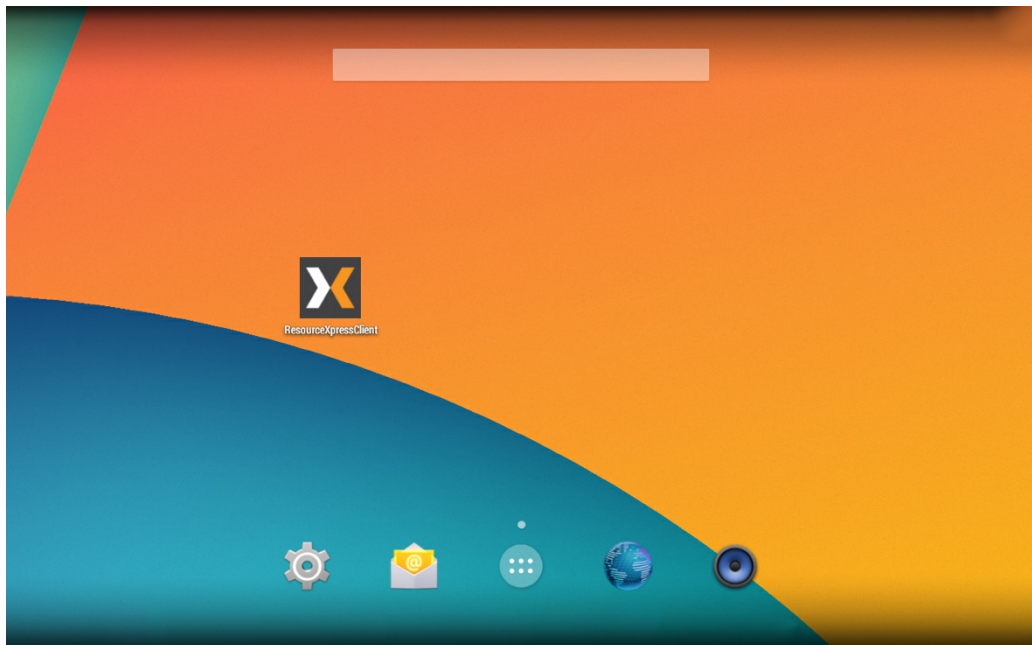


(The default PIN code is 11223344)

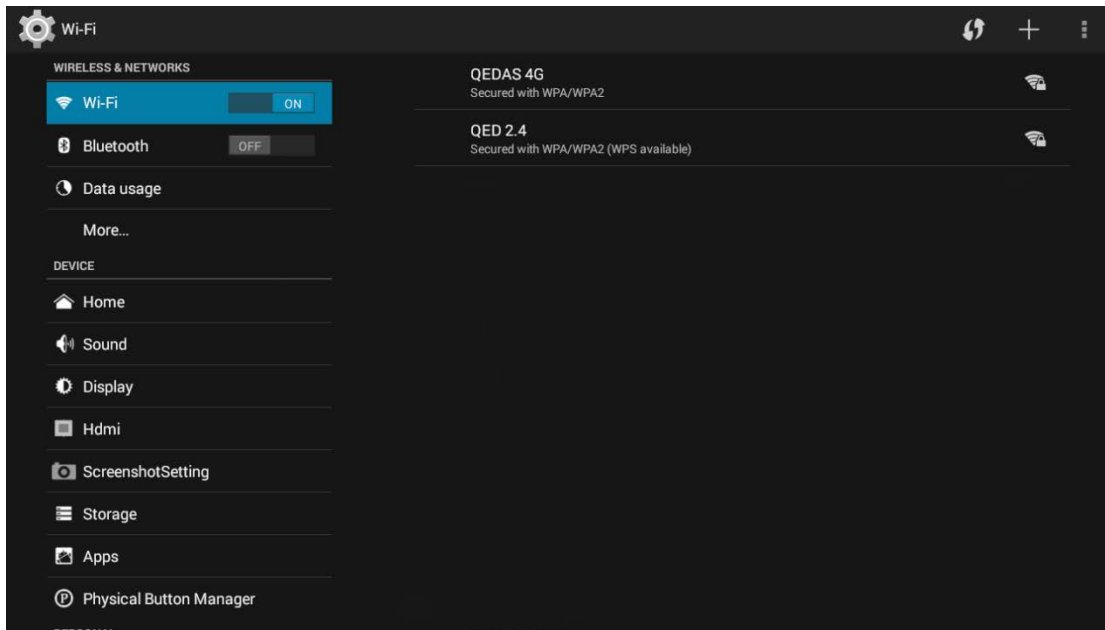
After entering the current PIN a panel at the top of the screen will appear, select the three dots in the top right corner. From this menu select *Quit*.



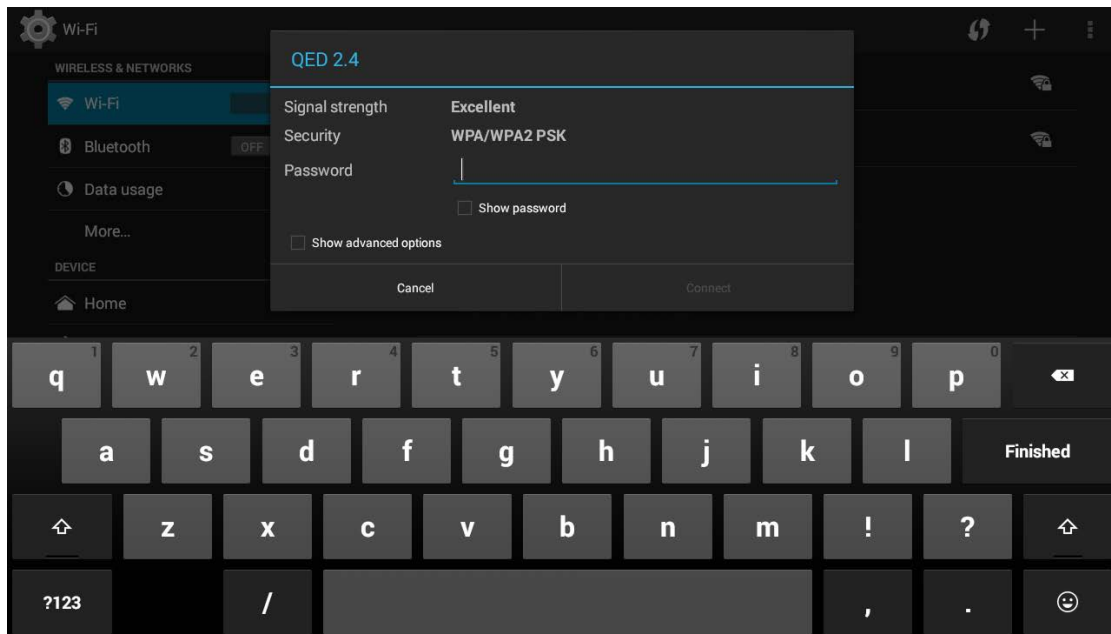
Pressing the Menu/Enter button (No 3 on Rear Panel Controls Illustration) on the top of the panel will exit to the screen as shown below. Select *Settings*.



Select *Wi-Fi*. (Ensure it is switched to *ON*)



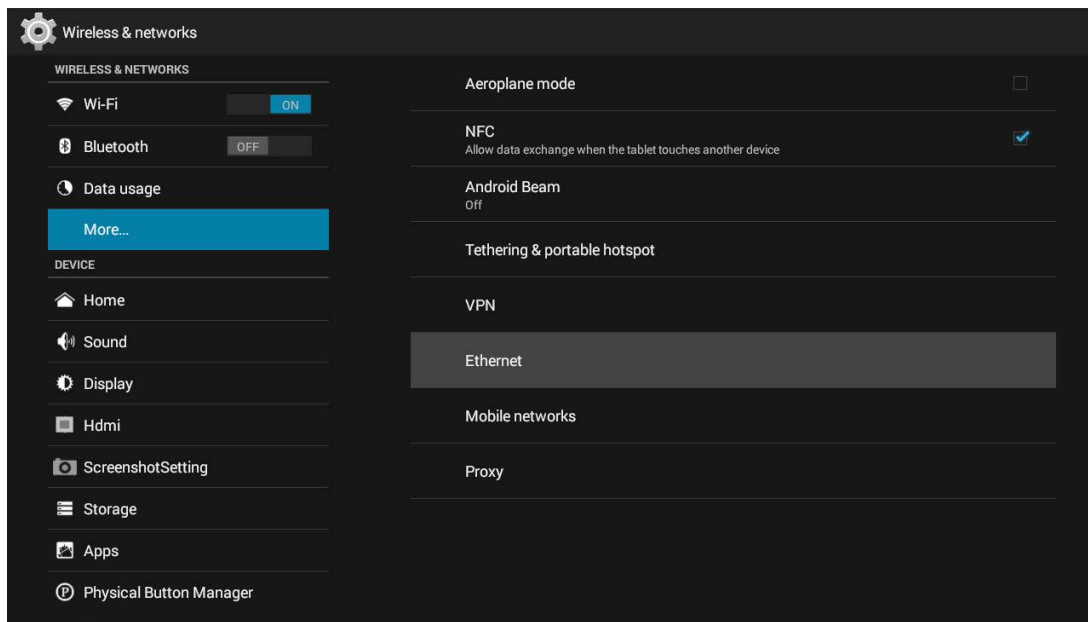
Choose the correct network and enter the password.



Press the Menu/Enter button (No 3 on Rear Panel Controls Illustration) on the top of the panel to return to the Home Screen.

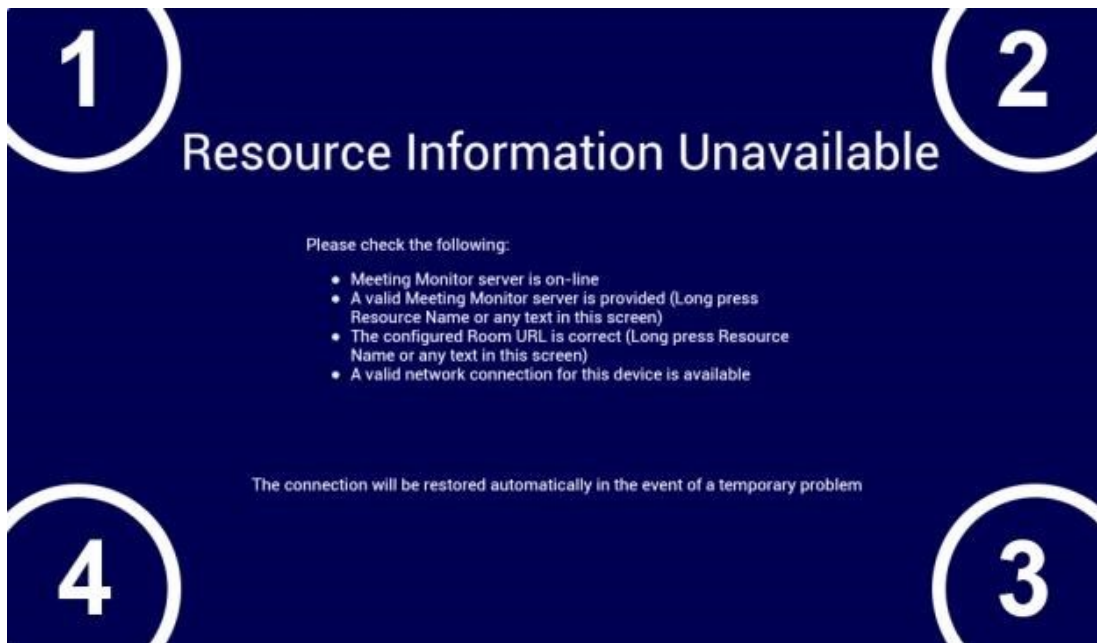
Ethernet Configuration

From the Home screen select Settings, then select More..., followed by Ethernet to turn the feature on.

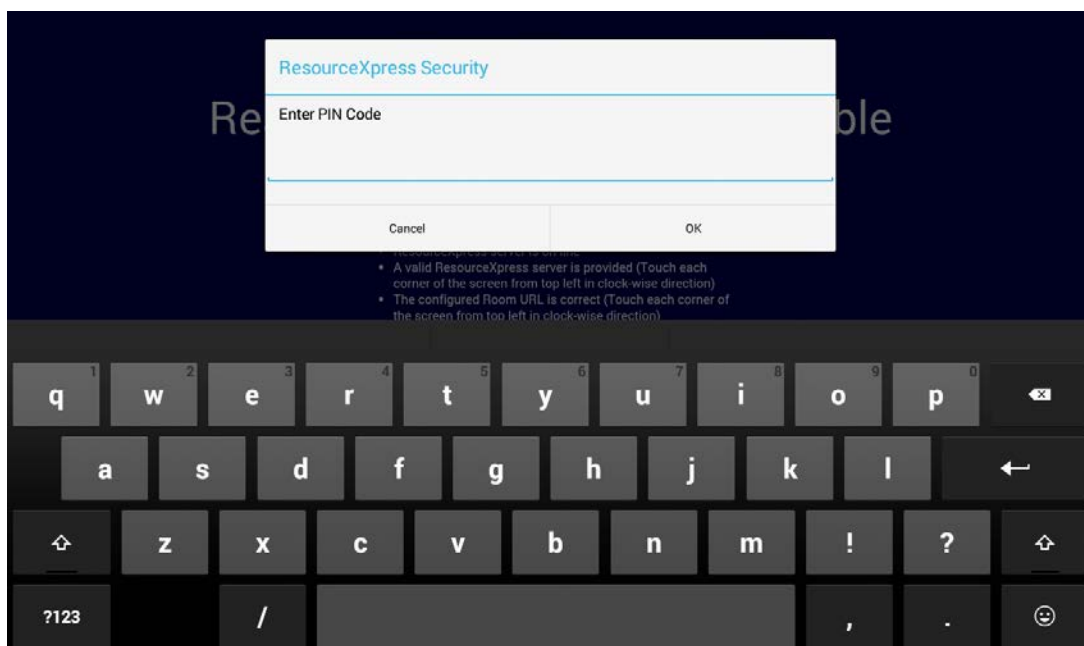


Configure ResourceXpress URL

As when configuring Wi-Fi, touch the four corners of the screen, starting from top left and going clockwise.

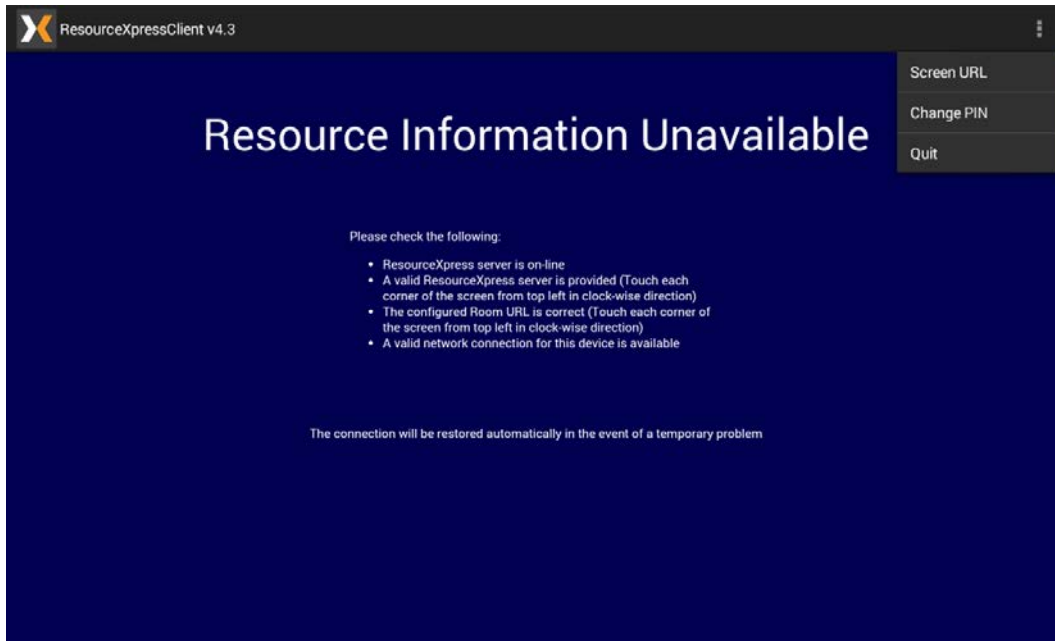


The PIN code prompt will appear.

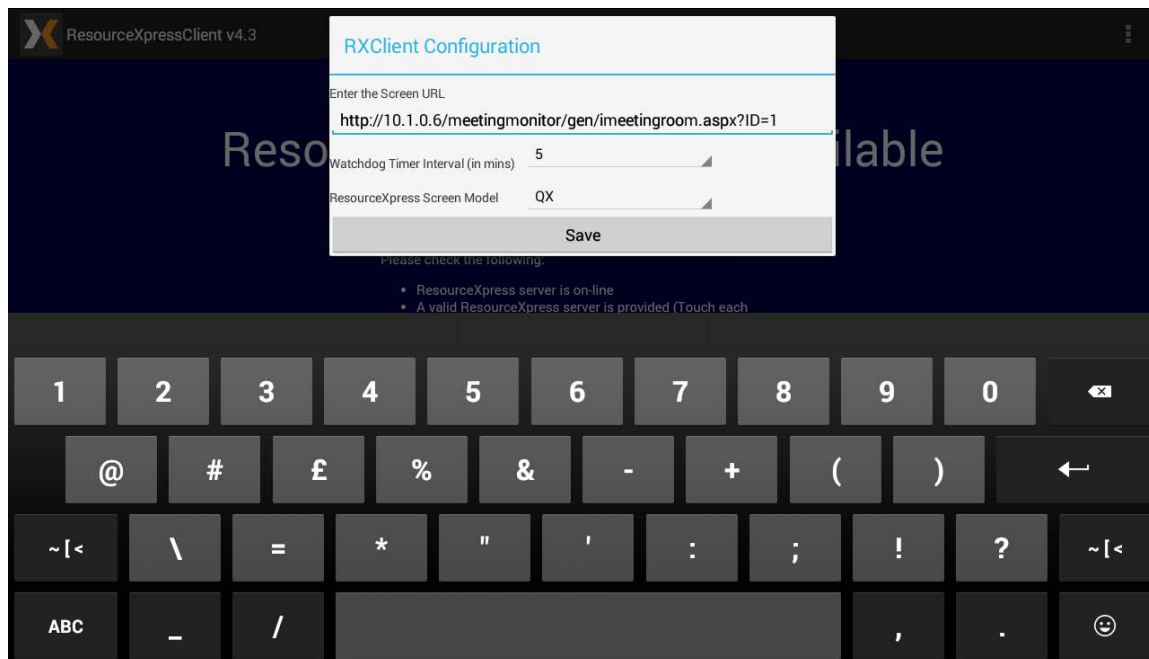


(The default PIN code is 11223344)

After entering the current PIN a panel at the top of the screen will appear, select the three dots in the top right corner. From this menu select *Screen URL*.



This will display a text field as shown below.

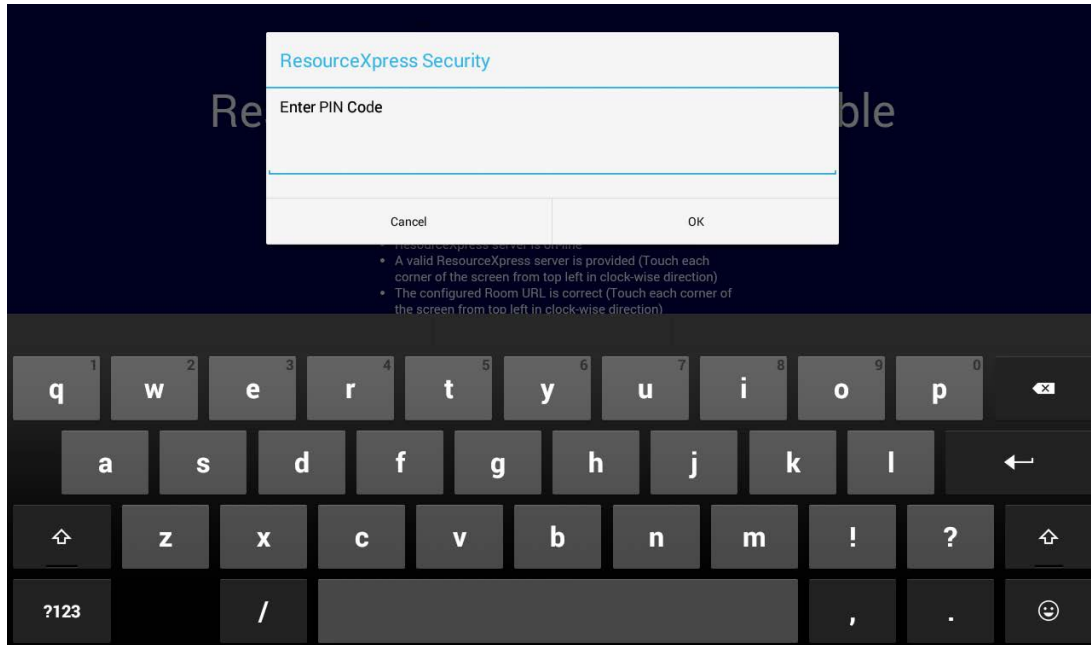


Enter the correct URL for the appropriate resource profile (see ResourceXpress Administration & Configuration Guide). The information that will need to be changed is the server host name or IP number (example IP number shown above) and the *ID=* number. Change *server* to the IP address or hostname for the ResourceXpress Server. Replace *ID=1* with the correct ID number for the resource profile and select *Save* to quit.

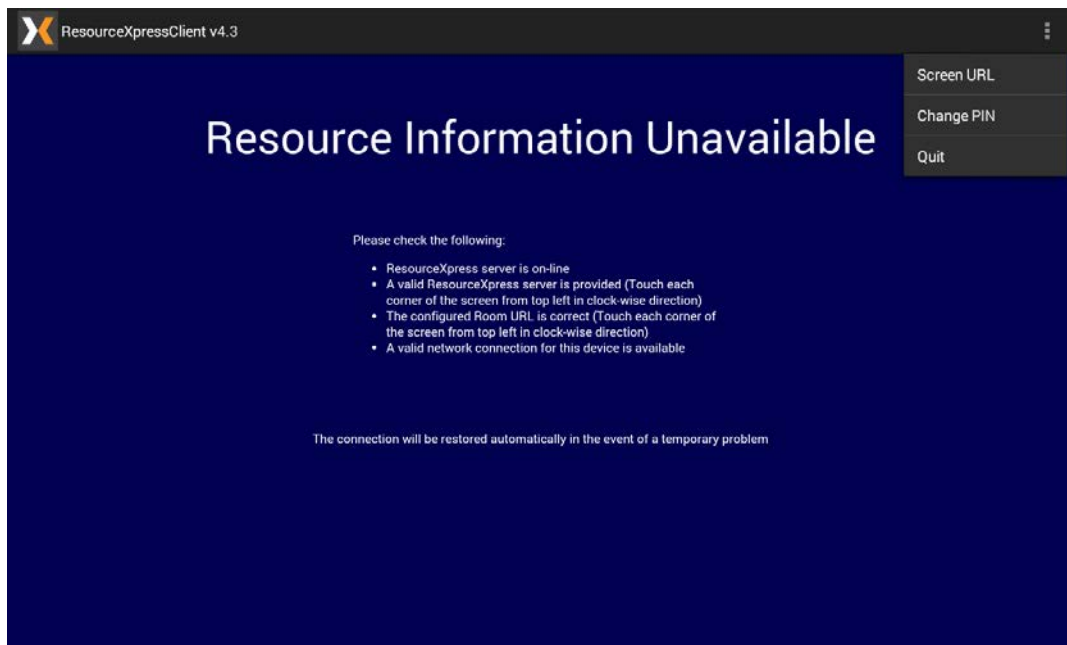
Make sure QX is selected for the ResourceXpress Screen Model.

Appendix A: Changing the Default Security PIN

To change the security PIN from the default 11223344, touch the four corners of the screen starting from the top left and going clockwise (as previously described), a prompt for the current PIN code will then appear.



After entering the current PIN, a panel at the top of the screen will appear, select the three dots in the top right corner. Select **Change PIN**.



Enter the **Old PIN** and the **New PIN** and select **Save** to change (remembering to make a note of the new PIN).

Appendix B: Mounting Instructions (Slim-line VESA Bracket)

Glass Walled Rooms

1. Using a suitable spirit level, where the screen is to be located, mark the position where the bracket is to be mounted with marker pen or masking tape. The recommended height to the centre of the screen from the floor level is 1500mm.
2. If the bracket has been supplied separately to the screen, separate the bracket into its two halves and fix the half shown below to the back of the screen using the 4 off M4 x 5mm pan head screws supplied.



Image showing rear of screen, bracket half

3. Thoroughly clean the area on the glass to be bonded using sachets provided and wait for all liquid to evaporate (Note: light use of a fine abrasive such as Scotchbrite, prior to cleaning, will ensure a sound surface for bonding). The VHB tape should already be fixed to the other half of the bracket but if not, ensure the area on the bracket is also prepared as above.
4. Peel off the protective backing for the tape on the other half of the bracket and apply it to the glass in the position marked in stage 1. Making sure it is still level (using a spirit level) press firmly for as long as possible to ensure a good bond with no air pockets. Viewing from the other side of the glass should highlight any air pockets (these need to be eliminated to ensure a good bond).

5. Leave the bracket to fully bond for a minimum of 24 hours before checking the unit is bonded securely. Screens should not be fitted until this time has elapsed (Note: pressure, time and warmth all promote a good bond).
6. Fit the screen by aligning the retaining tabs with the outside edges of the bracket half on the glass and slide it down until it sits on the stop tabs (see image above).
7. Making sure the screen is still level, hold it firmly whilst tightening the 2 x M4 screws on the underneath of the bracket.
8. Finally attach the power cable and plug in, once finished, cover the cable in protective trunking, if required.

NOTE: VHB Tape supplied by QED is designed to bond on normal toughened glass only. Glass with special coatings will need to be verified for suitability by the installer, prior to fitting screens.

Solid or Partition Walls

1. Using a suitable spirit level, where the screen is to be located, mark the position where the bracket is to be located with a marker pen. The recommended height to the centre of the screen from the floor level is 1500mm
9. If the bracket has been supplied separately to the screen, separate the bracket into its two halves and fix the half shown below to the back of the screen using the 4 off M4 x 5mm pan head screws supplied.
2. Place the other half of the bracket to the mark in step 1 and mark four fixing hole positions onto the wall.
3. Drill suitably sized holes for wall plugs supplied (see guide supplied with bracket - cavity wall plug not supplied) and fit wall plugs.
4. Using the four pan head screws supplied fix the bracket half to the wall.
5. Align the retaining tabs with the outside edges of the bracket half fixed to the wall and slide the screen down until it sits on the stop tabs.
6. Making sure the screen is still level, hold it firmly whilst tightening the 2 x M4 screws on the underneath of the bracket.
7. Finally attach the power cable and plug in, once finished cover the cable in protective trunking, if required.



Image showing rear of screen, wall side bracket half & wall fixing holes

Appendix C: Safety and Warnings

NOTE

This mark is applied to indicate that the equipment conforms to European safety and electro-magnetic compatibility standards.

WARNING!

Main supply: This equipment is designed to operate from 100-200Volt, 50/60Hz AC main supply. The use of other power sources may damage this equipment. Check that the voltage marked on the rating plate located at the rear of the power adapter states 100-240V. The manufacturer will NOT accept responsibility for damage or injury caused by connecting to the wrong voltage.

WARNING!

Main Adapter: The supplied power adapter is compatible with a standard main socket. NB. If the power adapter or lead gets damaged, it must be replaced by a qualified service agent with an approved adapter of the same type and rating.

WARNING!

Dangerous voltage constituting a risk of electric shock is present inside this equipment.

WARNING!

The main plug shall be the main disconnect device and shall remain operable at all times.

Do not push objects into holes and ventilation slots.

Do not expose this product to dripping or splashing or place any objects filled with liquids on or near the product.

Do not place a naked flame source, such as lighted candles, on or near this product.

Do not attempt to repair the product yourself. Always use a qualified service agent to perform adjustments or repairs.

For further information and support, please contact support@qedas.com or visit our website at: www.ResourceXpress.com