VIAVI

Connecting OneExpert CATV Remotely with Android Phone

Recommended program and basic setup instructions for using a VNC client on an Android phone to access a OneExpert CATV

An android compatible VNC program is recommended for connecting an ONX to an android phone for remote control. This enables OneExpert CATV remote access and control.

There are multiple applications available, but we've found that bVNC provides the smoothest user experience.



Configuring the ONX for remote VNC access

Make sure that remote VNC is enabled on the ONX. This is found from the System Settings/Remote Operation menu.

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🏫 System Setti	ngs				
Instrument					
Date and Time		>	Make sure that "En Also note the VNC		
Remote Operation		>	The default passwo		
Bluetooth		>	li desired.		
International Settings		>	Emote Operation		
USB Software Update		>	Enable HTTP File Server		
Hardware & Software Revisions		>			
Software Options		>	Enable VIAVI Mobile Tech		
Hardware Options		>	VNC Password		
Calibrations		>	Connected Viewers		
Home Screen		>	U		
Save Location					

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/NC Password needed to set up the VNC connection. ssword is **viavi-vnc** but this can be changed by the user

"Enable VNC Server" is checked.

Search phone and scan for nearby devices					
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Wi-Fi	Flashlight	Sound	NFC	Bluetooth	
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Airplane mode	Location	Auto rotate	Mobile Hotspot	Do not isturb	
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Performance mode	Blue light filter	Mobile data	Power saving	Phone visibility	
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Android	System	_			
Mobile H	lotspot				
Tap here t	to set up.				
NOTIFICATION SETTINGS CLEAR ALL					

Set up Phone as a WiFi Hotspot

To remote VNC to the ONX from an Android Phone, both the ONX and the Phone must be connected to the same network. When in the field setting the phone up as a mobile hot spot is recommended, then connect the ONX to it via WiFi.

Note: WiFi hotspot is not required. VNC to the ONX will also work if both the ONX and the Android are connected to the same WiFi Access Point if this is available.

Establish the ONX IP address

First, connect the ONX to the WiFi network, then identify its IP address since it will be the VNC server used by the Android VNC program. You can find the OneExpert WiFI connection setup in the Network application.



After establishing a WiFi connection on the ONX to the Mobile Device you are ready to connect via VNC

Launch and configure the bVNC client

After Launching bVNC the connection must be set up. Enter the IP address of the ONX and the VNC

password.

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BVNC FREE		1
onx:192.168.43.	101: 🝷	Connect
Connection Type Basic VNC onx		.
VNC Connection 3 192.168.43.101	Settings	5900
VNC Username (optional)	
		🥪 Keep
OFF Show /	Advanced Sett	ings

To optimize for best viewing turn on the Show Advanced Settings.

Setting for Full Screen Bitmap works well. 🙆 🕏 🗑 🔋 🖙 📶 78% 🖹 12:31 PM **BVNC FREE** onx:192.168.43.101:... - Connect **Connection Type** Basic VNC onx **VNC** Connection Settings 192.168.43.101 5900 VNC Username (optional) Keep Show Advanced Settings 24-bit color (4 bpp) ○ View-only mode Use D-Pad for arrows and D-Pad click for Ctrl. ORotate Bluetooth or software D-Pad Local mouse pointer (select if pointer is invisible) Use Hextile encoding (for chroot connections) O Auto O Fullscreen Bitmap v3.9.7_113976

bVNC allows you to simply tap on the screen and it acts like touching the ONX. A simulated mouse cursor appears where you last touched. Helpful PC softkeys are provided at the bottom of the screen.

Ingress Scan Setup Select a test location

 Image: Consect Port 2 to the Ground Block

 Connect Port 2 to the Ground Block

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Click this area to open up some control keys.

The Arrow keys are recommended for navigating up and down the ONX menus. The ESC key works like the ONX back button.





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