HTS-220R connecting with SurvCE 2.62

1.1 Total Station option:

1. Open the total station, press "Menu" button ->choose "8.USART option"->press"ENT" button. Then





1.2 SuevCE Options:

1. Open the device->Settings



3.Find Bluetooth->Add new device

Settings	4 *	⊻ 🗣 📼 🗙	📲 Settings 🛛 🗱 🎦 🕂 🖅 🕅
		Ω	Bluetooth
Bluetooth		Lock	Tap Add new device to search for other Bluetooth devices. Tap on a device to modify its settings.
-	Clock & Alarms		Connected Add new device
Power		Today	
	Sounds & Notifications		
Connections		System	
	Demonst		Devices Mode COM Ports

4. Then you will see the Total station in the bluetooth Device.

Choose and click "Next"-> Input the number "1234" in the Passcode.

🔐 Settings 🛛 🛱 🗠 🖛	Enter Passcode
Select a Bluetooth Device	Enter a passcode to establish a secure
Select a device to connect with and tap Next.	connection with TotalStation.
3 TotalStation	Press 'Next' to continue if a passcode is not required.
	Passcode:
Refresh	
Cancel 🔤 Next	Back 🔤 Next

5. In the Manualacture choose" Topcon Direct"->Model choose "GTS Series"-> Click " $\sqrt{}$ "

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📚 Instrument Setup 🔽 🗙	💊 Instrument Sel 🕕 📈 🗙
	Current Comms Settings
	Manufacturer:
Manual Total Station 🔤 🛄	Topcon Direct
South	
Spectra Precision	Model: GTS Series (non-motorize
Stonex Direct	
Stonex Robotic	
Topcon Direct	
Topcon Robotic #	
Trimble	
Zeiss	
Load Save Rename Delete	
	Load Save Rename Delete

6. Because there is no points, use SurvCE add points by input. As shows.

Choose "Point"->Add.

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7. Input the coordinates->" $\sqrt{}$ ", You need to add 3 points at least.

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Point ID: pt1			4	2 🗾	<
		Point ID	Northing	Easting	Elev
Northing: 1.00	00 ft	PT1	1.00	1.00	1.00
Easting: 1.00	00 ft	PT2	2.00	2.00	2.00
Elevation: 1.00	00 ft	PT3	3.00	3.00	3.00
Description:					
Ado	Notes				
Input/Ed	lit Attributes				

8. Go to "Survey" and find "Store Points" and you will see the 3 points that you just create.

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<u>1</u> Store Point	<u>6</u> Grid/Face 🏥					
<u>2</u> Stake Point	Z Resection					
3 Stake Line/Arc	IC	8 Set Colle	ection	j.,		
<u>4</u> Stake Offse	et 👝	<u>9</u> Leve	eling	2		
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1.00	1.00
2.00	2.00
3.00	3.00
	1.00 2.00 3.00

9.Backsight PT2->Click Backsight

Note: Before go to Backsight, the Total station must turn to measure interface!



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10. Set to Zero->click "Set Angle"

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	🔽 🧲					(X
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Setup	Results		Se	etup	Results	
OC PT: PT1 BS Azi: 45°00'00" HI: 1.000	BS PT: PT2 Brg: N45°00'00"E HT: 1.000		Calc: Meas: Delta:	Angle: 0°00'00'' 320°50'0€ 39°09'54''	Dist: 1.414 N/A N/A	Elv (Z): 2.000 N/A N/A
Check Angle			Check <u>A</u> ngle			
<u>S</u> et Angle	Chec <u>k</u>		<u>S</u> e	et Angle	Ch	ec <u>k</u>
Set Angle and <u>R</u> ead				Set Angle	e and <u>R</u> ead	

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11.Click "Check", then click "Check", then it stars taking reading.

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Backsight			Backsight					
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Setup	Results		🍣 Status: Takin	g Reading				
Angle:	Dist: Elv	(Z):						
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Meas: 152°10'41	N/A N/A	۱ I						
Delta: -152°10'4	N/A N/A	4						
Check Angle			<u>C</u> ar	ncel				
Set Angle Check			<u>S</u> et Angle	Check				
Set Angle	and <u>R</u> ead		Set Angle	and <u>R</u> ead				

12. Click " $\sqrt{}$ " then the points collected.

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Set to	Zero	▼ 0°0	0'00"			· <u> </u>	0.9	ft
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