T-BERD/MTS 5800 Portable Network Tester



QUICK CARD

Smart Access Anywhere

This Quick Card describes how use Smart Access Anywhere (SAA) Software for Windows to remote control a T-BERD/MTS 5800 and transfer files between the test instrument and PC.

EQUIPMENT REQUIREMENTS

- Personal Computer (PC) running Windows operating system
- T-BERD/MTS 5800 equipped with the following:
 - ✓ Transport software release V31.2.1 or greater
 - ✓ C5WIFI option for remote operation via Wi-Fi
- CAT5E or better cable, for remote operation via the T-BERD/MTS RJ-45 Ethernet Management Port
- Internet connection from both PC and T-BERD/MTS or Direct Ethernet/IP connection between PC and T-BERD/MTS (via LAN or via direct CAT5E cable attachment)



Figure 1: Equipment Requirements

DOWNLOAD AND INSTALL SAA

- Open an Internet browser on the PC and navigate to the VIAVI Smart Access Anywhere software portal: <u>SmartAccessAnyWhere | Update My Unit |</u> <u>VIAVI Solutions Inc.</u>
- Click on link under DOWNLOAD LATEST VERSION FOR WINDOWS to download the latest Smart Access Anywhere release.
- Open the downloaded zip file and extract the executable Smart Access Anywhere installation image.
- Double click on the installation image and follow the on-screen instructions to install the Smart Access Anywhere application.



Figure 2: Updatemyunit.net



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T-BERD 5800-100G Version 30.1.0

Upgrade

QUICK CARD

CONFIGURE T-BERD/MTS CONNECTIVITY SETTINGS

- 1. Press the Power button (b) to turn on the T-BERD/MTS 5800.
- 2. Tap the **System** icon **System** in the Status Bar at the top of the screen ro display the **System menu**.
- 3. Tap on the **Network** icon **to** display management network settings.
 - If using the T-BERD/MTS Wi-Fi interface for remote access, tap the Wi-Fi icon Wi-Fi on left screen side and tap the Enable wireless adapter check box. Select the desired Wi-Fi network or hotspot from the list and provide login credentials to join the network and obtain an IP address.
 - If using the T-BERD/MTS RJ-45 Ethernet Management Port for remote access, connect CAT5E or better cable between the RJ-45 connector and the router or PC. Tap the LAN icon LAN on left screen side. If using DHCP, set IP Mode to DHCP and wait until unit obtains an IP address; otherwise set IP Mode to Static and configure a static IP address.
- 4. Tap the **System** icon in the Status Bar at the top of the screen to return to the **System menu**.
- 5. Tap the **VNC Remote** icon $\frac{V2}{Remote}$ to display **Remote** operation settings.
- Tap on the Enable VNC access check box to enable remote access. Optionally tap on the Require password for VNC access check box and enter a password in the Remote access password text box.
- 7. To establish a remote connection to the T-BERD/MTS via the internet, tap on the **Connect** button **Connect** under **Smart Access Anywhere** to register with the VIAVI SAA server and obtain the access code. Once the unit is connected, note the **Access code**. The access code must be used when the T-BERD/MTS is on a private network, such as a Wi-Fi Hotspot or Wireless LAN.

Date and Time
Region

Date and Time
Region

Display
Remote

System
System

System
Network

🔅 System 🔛 Test 😽 Fiber Optic

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System	> 📑 Network			T-BERD 5800-100G Version 30.1.0
LAN Wi-Fi	IPv4 IP mode IP address: 192.168.1.115 Gateway: 192.168.1.1	DHCP	 MAC address: 00:80:16:94:64:34 Subnet mask: 255.255.255.0 DNS server: 192.168.1.1 	
	IPv6 mode VLAN VLAN ID 100	Disabled	•	

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Figure 4: Network Settings

System 🔛 Test	😽 Fiber Optics		Ma 🔊 🕕 💦 2:44 PM
🤤 System > 🔟 Re	mote		T-BERD 5800-100G Version 30.1.0
1 Toggling VNC access and pass	word protection will disconnect exis	sting connections.	
Device name	tb5800-946434	Status	
Remote access password	JDSU	Number of VNC connections: 1	
This password is used for all remote access, e.g. Firewall	vnc, ftp, ssh.		
Enable Firewall (Disables A	All Ports except 22, SSH)		
IPv6 wil be disabled		*	
VNC	access		
Smart Access Anywhere Conne	ct		





QUICK CARD

OPERATING THE T-BERD/MTS 5800 FROM YOUR PC

- Launch the VIAVI SmartAccessAnywhere application and enter the T-BERD/MTS Access Code or IP Address in the text box labeled "Access code or local IP address".
- Click the Connect button Connect and wait for connection.
- Click the Remote Screen icon to gain access to T-BERD/MTS user interface, where you can configure tests, run tests, or perform any other actions using your mouse and keyboard instead of the touch screen.
- 4. Click the File Transfer icon.
- 5. Navigate to desired folders on the PC and T-BERD/MTS (/bert/reports for reports, /bert/tests for configuration files and profiles, etc.) Note: Use the up arrow next to the folder name to navigate up a folder level.
- Select any configuration files, reports, or other files and use the Upload or Download buttons at the top of the screen to copy the file(s) to/from the T-BERD/MTS.



Figure 8: SmartAccessAnywhere Remote Screen Page

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SmartAccessAnywhe	re - v22.05.17					- 0	×
VIAVI	Network settings	Access Code or local IP address:	192.168.1.115	✓ Connect	(Test conn	ection
Session	22/10/12 14:57: Version: 22.05.17 22/10/12 14:57: INFO : Start connection auto-c	Jetection					Ť
Information							
Remote Screen							
							Ŧ
Ple Transfer		Server connec	ction 🔵	Co	nnected		

Figure 6: SmartAccessAnywhere Session Screen

SmartAccessAnywh	here - v22.05.17	- D X
VIAVI	If you encounter problems, try the 'Test connection' button. If the problem persists,	try to disconnect the device and create a new 'Access Code'.
	Authorized modes :	Authentication server IP : mtsanywhere.updatemyunit.net
Session		Tunneling server IP : Direct Local Connection
0		Local domain name :
Information		Device identifiant vi Solutions, "T-BERD5800-1006", "WMSE0174710061", "BERT", "V30.1.0"
5	Remote Screen Page	
Remote Screen		
File Transfer		

Figure 7: SmartAccessAnywhere Information Screen

Sesion	Tubes X 1_105_LAN.report_2022-09-26715.34.51.js 1.105_LAN.report_2022-09-26715.34.51.pt 1_105_LAN.report_2022-09-26715.36.03.js 1.105_LAN.report_2022-09-26715.36.03.pt	n F f f	Image: Point State Image:
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Information	1_OC-12.report_2022-06-21T16.00.34.pdf		1_100GigE.report_2022-06-22T11.38.10.pdf
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File Transfer		-	1 0102.rebort 2022-05-24121.53.11.pdf

Figure 9: SmartAccessAnywhere File Transfer Page +1 844 GO VIAVI Contact Us (+1 844 468-4284)

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