

UT-120

USB DVB-T Diversity Receiver Dongle

Quick Installation Guide

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Package Contents

- UT-120, USB 2.0 DVB-T Demodulator x1
- USB extender cable x1
- CD with drivers and Windows BDA Viewer+, Configuration tool "4Band Rx Controller" • WWW.HIDES.COM.TW

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Quick installation guide

Antenna Ports



Connect TWO antennas to the A & B ports.

H/W installation

- 1. Connect UT-120 to PC USB port with or without USB extender cable.
- 2. Connect the DVB-T antenna (SMA connector) to UT-120.

Driver Installation on Windows

1. Click on the file \Driver_Windows\DrvInstall.exe to install the driver



2. Click on next and you will see the following after it's finished.



3. If necessary , you can check if the device "IT9135 BDA Device" is listed in device manager



BDA Viewer Plus – Scan/ Play/ Capture TS

- 1. Make sure to connect UT-120 with the antenna or coaxial cable first.
- 2. Copy the folder "\BdaViewer+" on the CD to your local hard disk, say C:, D:, E: or F:... The following instructions assume F: drive is used.

3. Double click on "Install_Filter.bat" in F:\BdaViewer+\ to install required filters to run BDA Viewer.

- 4. Double click on "BDAViewerPlus.exe" in F:\BdaViewer+\ folder.
- 5. Click on "Control-> Channel List" to launch the scan window.



6. Click on "Country Scan-> Start Scan" to scan channels by country.



Easy HD Expressway!

Country Scan		
Country Select	▼ Start Scan	
		0%
	Close	

7. Or you can click on "Frequency Scan" to specify the frequency range to scan.

Frequency	/ Scan				
Bandwidt	th 🔘 2 🤇	3 04 05 0	6 07 08		
Single	e Channe	Scan Repeat	Spectrum A	Analysis Only	Delay(s): 1
Start	533000	CH24, 533000	▼ End	593000	CH34, 593000 🔻
					0%
		Spectrum Info	Scan	C	lose

- Bandwidth: select the bandwidth to scan.
 - UT-120 supports ONLY 5/6/7/8 MHz bandwidth reception.
- Single channel: Scan the frequency in "Start Freq.".
- Scan Repeat: Scan repeatedly.
- 8. You can switch channel by clicking on program name in the channel list.

👭 BDAViewerPlus						
<u>C</u> o	Control Capture Stress Test Device		<u>H</u> elp			
🖻 ● 4⁄7 ▲ 🔻						
C	hanr	nel List				
	ID	Name	Freque	ONID	TSID	SID
	0	SC10 Canberra	177000	12812	2055	2055
	1	SC10 HD	177000	12812	2055	2087
	2	MyTalk	177000	12812	2055	2119

9. You can click on "Capture" and select how to capture TS file on the menu.





Check if Diversity Mode is working

While clicking on the "Signal Statistics" in the "Control" menu of Bdaviewer+, you may check if the diversity mode is working.

If diversity mode is disabled, the two fields will be blanks as shown below.



If diversity mode is enabled, the two fields will show some values as shown values.



HIDES Easy HD Expressway!

	Capture Stress Test
Signal Statistics	5 4 ↓ □ R
BW 6 Freq. 545000	14-
TPS Quality	19 元胡
MPEG2 Strength	雙語 國/英
DCA mode	
Device_0 Strength 4 Device_1 Strength 7	and do the
Tuner Gain	
LYRA 0 LNA 7	
PGC 7 PGA1 3 PGA2 9	
Modulation Info	
n Modulation Data Rate 9.95 Mbps	
RF -80 QAM 16-QAM CR 2/3	
Cell ID 0x0000 GI 1/4 FFT 8k	
Post-VTB BER 0.00e+000	
RSD-Abort Count 0	發光研
Packet Loss Count 9 Reset	"MPE
Close	-+++++++++++++++++++++++++++++++++++++