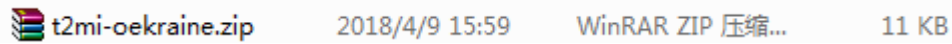


GUIDE TO ADD T2-MI CHANNEL OF Astra-4A USE ZGEMMA H9 & H7

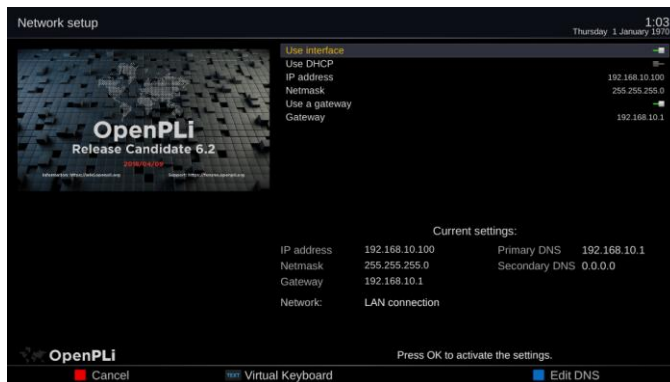
1. DOWNLOAD ZIP FILE AND PUTTY FLASHXP TOOL



use google to search and install to your desktop, here you can use other ftp tool. it is trans file tool sw.

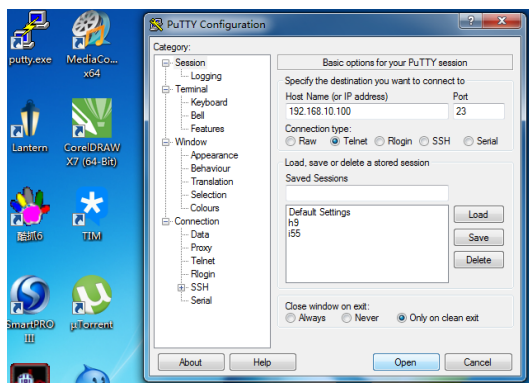
2. CONNECT YOUR BOX TO INTERNET

remember your box ip



3. USE PUTTY TELNET CONNECT YOUR BOX

open putty select telnet and input your box ip to open



4. INSTALL ASTRA-SM

login in root then input `opkg update` and `opkg install astra-sm` until install end.

```

192.168.10.100 - PuTTY
openpli 6.2-rc h9
h9 login: root
root@h9:~# opkg update
Downloading http://downloads.openpli.org/feeds/openpli-6-release/3rd-party/Packages.gz
Updated source 'openpli-3rd-party'.
Downloading http://downloads.openpli.org/feeds/openpli-6-release/3rd-party-h9/Packages.gz
Updated source 'openpli-3rd-party-h9'.
Downloading http://downloads.openpli.org/feeds/openpli-6.2-rc/all/Packages.gz
Updated source 'openpli-all'.
Downloading http://downloads.openpli.org/feeds/openpli-6.2-rc/cortexa15hf-neon-vfpv4/Packages.gz
Updated source 'openpli-cortexa15hf-neon-vfpv4'.
Downloading http://downloads.openpli.org/feeds/openpli-6.2-rc/h9/Packages.gz
Updated source 'openpli-h9'.
root@h9:~# opkg install astra-sm
Installing libaio (0.3.110) on root.
Downloading http://downloads.openpli.org/feeds/openpli-6.2-rc/cortexa15hf-neon-vfpv4/libaio_0.3.110-r0.1_cortexa15hf-neon-vfpv4.ipk
Installing astra-sm (0.2) on root.
Downloading http://downloads.openpli.org/feeds/openpli-6.2-rc/cortexa15hf-neon-vfpv4/astra-sm_0.2-r0.1_cortexa15hf-neon-vfpv4.ipk
Removing any system startup links for astra-sm ...
Configuring libaio.
Configuring astra-sm.
Adding system startup for /etc/init.d/astra-sm.
root@h9:~#

```

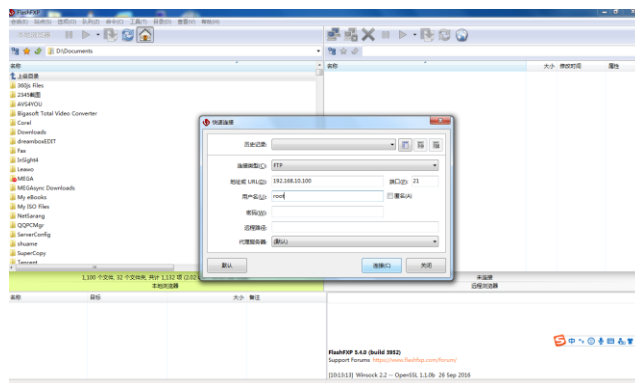
note the red line

now install is end

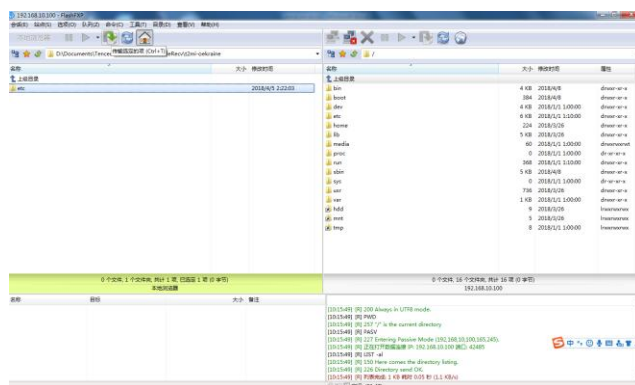
5. TRANS FILE TO YOUR BOX USE FLASHXP

open your ftp tool sw trans etc file directory to your box etc file directory, then there are 3 file to trans your box.

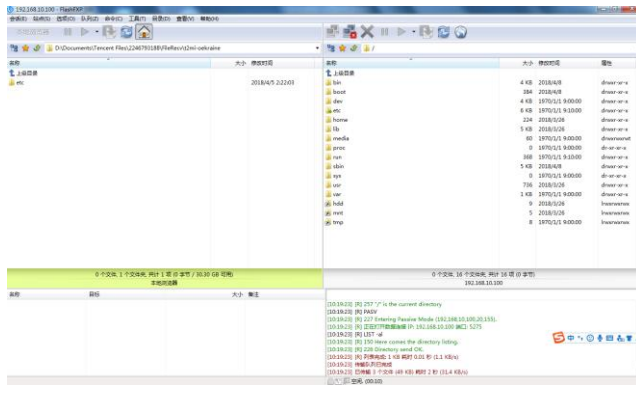
note:connect your box need input your box ip and user name



unzip your t2mi-oukraine.zip file select t2mi-oukraine directory

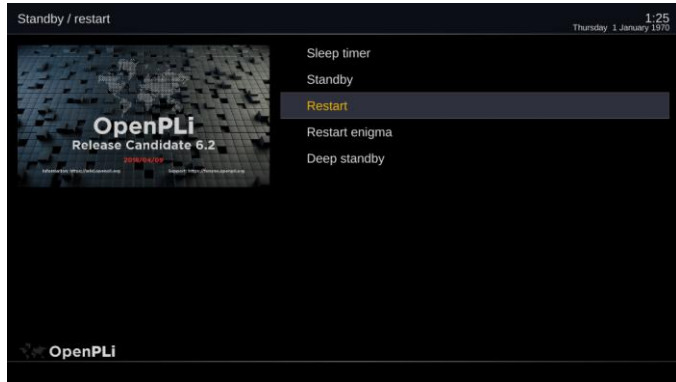
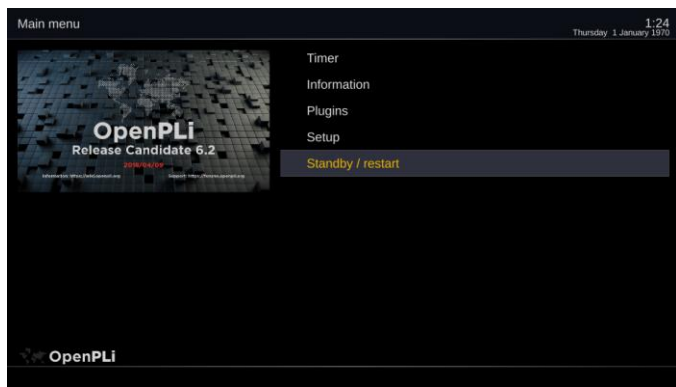


trans etc directory to your box etc directory



note:3 file trans to your box

6. RESTART YOUR BOX
press menu key select restart



select restart press ok key

7. LOOK THE NEW CHANNEL OF ZEONBUD
press down key there is a new directory of zeonbud





there are 29 new channel of astra 4A.

Astra 4A & SES 5 at 4.9°E

12341 H tp B33 Europe BSS 0	3E0H6VD	ZeonBud	P	DVB-S2 multistream stream 30 T2-MI PLP 0	30000-3/4 8PSK	10-300 7.9
		Mega	F	MPEG-4	31	3101 3102 Ukr
		Piksel TV	F	MPEG-4	32	3201 3202 Ukr
		X Sport	F S	MPEG-4	33	3301 3302 Ukr
		NLO TV	F	MPEG-4	34	3401 3402 Ukr
		Z+2	F S	MPEG-4	35	3501 3502 Ukr
		Zik HD	F	MPEG-4	36	3601 3602 Ukr
		Espresso TV	F S	MPEG-4	37	3701 370. Ukr
		[test card]		MPEG-4	38	3801 3802
12341 H tp B33 Europe BSS 0	3E0H6VD	ZeonBud	P	DVB-S2 multistream stream 40	30000-3/4 8PSK	10-400 7.9
		112 Ukraina	F S	MPEG-4/HD	1	6101 6102 Ukr
		UA: Donbas	F S	MPEG-4	5	6501 6502 Ukr
		Pryamyv	F S	MPEG-4	41	4101 4102 Ukr
		UA: Kultura	F S	MPEG-4	42	4201 4202 Ukr
		[test card]		MPEG-4	43	4301 4302
		Eskulap TV	F	MPEG-4	44	4401 4402 Ukr
		[test card]		MPEG-4	800	5401 5402

12188 H tp B25 Europe BSS 0	3E0H6VD	ZeonBud	P	DVB-S2 multistream stream 10 T2-MI PLP 0	30000-5/6 8PSK	8996-100 9.4
		Inter	F	MPEG-4	11	1101 1102 Ukr
		Telekanal Ukraina	F S	MPEG-4	12	1201 1202 Ukr
		t+1	F S	MPEG-4	13	1301 1302 Ukr
		NTN	F	MPEG-4	14	1401 1402 Ukr
		K1	F	MPEG-4	15	1501 1502 Ukr
		UA: Pershly	F	MPEG-4	16	1601 1602 Ukr
		ICTV (Ukraine)	F S	MPEG-4	17	1701 1702 Ukr
	Enter Film	F	MPEG-4	18	1801 1802 Ukr	
12188 H tp B25 Europe BSS 0	3E0H6VD	ZeonBud	P	DVB-S2 multistream stream 20 T2-MI PLP 0	30000-5/6 8PSK	8996-200 9.4
		Zoom (Ukraine)	F	MPEG-4	21	2101 2102 Ukr
		Indigo TV	F	MPEG-4	22	2201 2202 Ukr
		Telekanal STB	F	MPEG-4	23	2301 2302 Ukr
		IT1	F	MPEG-4	24	2401 2402 Ukr
		K2 (Ukraine)	F	MPEG-4	25	2501 2502 Ukr
		Novy Kanal	F	MPEG-4	26	2601 2602 Ukr
		M1 (Ukraine)	F	MPEG-4	27	2701 2702 Ukr
	5 Kanal (Ukraine)	F S	MPEG-4	28	2801 2.02 Ukr	