alpsat



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INDEX

03. ABOUT US

FIELD SIGNAL ANALYZER

04-05. AS-07 STCAO PRO

06-07. AS-07 STCA 4K

08-09. AS-06 STC AHD

SATELLITE SIGNAL METER

10-11. AS-05 PRO AHD

12-13. SF-03 BT

SATELLITE FINDER

14-15. AS-04 HDU

16-17. AS-03 HDU

18-19. AS-02 HDU

CCTV TEST MONITOR

20-21. AS-33 IPCX

DVB-T MODULATORS

22-23. AS-102-TC HDMI /AV

ALPSAT ELEKTRONIK SAN VE TIC. LTD. STI., which produces smart solutions in the fields of professional satellite systems, smart home and security systems and broadcast distribution, started its business life in 2008 with production and R&D activities. With its 17 years of experience, it continues its activities as an effective solution partner in the field of Satellite Antenna systems and Smart Home systems at domestic and abroad.

With the awareness of carrying out production and sales activities for professionals in the sector, Alpsat Elektronik has an approach that prioritizes high quality in its products and systems and does not compromise from this point of view. Unlike its competitors in the market, Alpsat Elektronik aims to provide simple but powerful solutions to both professional individuals and institutions and end users by producing progressive, innovative and smart solutions.

Alpsat Elektronik, which has a portfolio that can meet many needs with its functional and economic product range, has enriched its production, which started with Satfinder series satellite direction finder products, with CATV Headend, SMATV Switch, Cable TV and Terrestrial Digital TV, Fiber Optic Signal measuring devices. It started the production of signal measuring devices with 4K image processing and Smart Home devices in line with the Plug and Play concept for the IOT sector in 2020. In addition, Alpsat Elektronik produces special projects and OEM devices for many companies in the sector.

Alpsat Elektronik, which always aims to offer the best in corporate and individual services, continues its commercial life with ALPSAT / ALPSMART / ALPSTAR / SATFINDER brands.

ABOUT US

SAT – TV – IP – CCTV
SIGNAL ANALYZER DEVICE

AS07STCAO-PRO



DVB S/S2 DVB C DVB T/T2 ISDB-T

QAM A/C – J.83B – ANALOG TV – FM – GSM ANALYZER

DiSEqC 1.0 DiSEqC 1.1 DiSEqC 1.2 DiSEqC 2.0 Unicable-I&II USALS

4K UHD HEVC H.265

IPTV STREAM TEST
(UDP, HLS, SRT, RTMP, RIST, RTSP, HTTP, MPTS/SPTS)

IP CAMERA TEST
with ONVIF (up to 8MP)

FIBER OPTIC POWER METER
(850,1300,1310,1490,1550,1625nm)

USER INTERFACE



GENERAL FEATURES

- DVB S-S2/T-T2/C/J.83B/ISDB-T/GSM MOBILE COMBO Field Signal Analyzer
- IP Camera CCTV Test*
- IPTV Test (Mpts, Spts, Dash, Srt, Http, Rist, Udp)*
- Fiber Optic Power Meter*
- Single Rf input 40-2150mhz 75 ohm F Connector
- 20-100dBuV Satellite Band Measurement (± 3 dB Sensitivity)
- 20-105dBuV Catv-Terr Measurement (± 3 dB Sensitivity)
- 7" high resolution touch screen
- Signal Measurement Screens
- Spectrum Analysis Screens
- Constellation Screens
- Table Measurement screens
- Multi Level Measurement Screens
- Tilt-Limit Measurement Screens
- Rf – aBer – bBer- Per – C/N – Mer – Link Margin Measurement
- Video input for AHD-TVI-CVI and Analog CCTV cameras
- HDMI In/Out and AV In/Out Capability
- H.264, H.265 4K video display
- 1.9 GHz High-speed Processor – 16GB Memory
- Program List and Audio&Video PID information on one screen
- 7000mAh 7.4V replaceable Lith-Ion battery can work for 3-4 Hours
- Software and frequency plan update via LAN Network 100M or USB
- Windows PC software to prepare frequency plan
- Programmable 50 Catv Plans, 50 Terresterial Plans, 250 Satellite Memory
- 10,000 Frequency and Channel Memory
- Backlit numeric silicone keypad
- Battery protection and the automatic shut-off feature
- Led torch light for dark environments
- Voltage Test screen for end user testing
- 2 kg with battery
- Dimensions 250mm X 180mm X 50mm
- Operating Range 0 °C to +50 °C
- Relative Humidity 90%
- With Carrying Bag and Silicone Case
- 12Volt - 3A Charger and Car charging cable
- Menu in 20 Different Languages
- Time Zone and Time - Date Setting

DVB-S/S2 FEATURES

- Frequency Band : 950 – 2150 Mhz freq.measurement range
- Measuring Range :20-100dBuV Satellite Band Measurement (± 3 dB Sensitivity)
- Measurement Screens : RF Power, aBER, bBER, MER, C/N and LINK MARJIN
- Memory : 250 Satellite Memory + 10.000 Channels
- MER : 0 ~ 20dB
- Symbol Rate : 1 ~ 45Ms/s
- LNB Supply : Oto/13V/18V/21V, 500 mA max.
- Spectrum Analysis: Spectrum Analyzer with real time and image memory
- Span : 10-20-50-100-200-500- Full Spectrum Span ranges
- NIT Search : Automatic NIT frequency recognition & channel scan on the Spectrum screen
- LCN : Yes
- Multi-Level : Displaying 4 TP for 1 satellite and 8 TP for 2 satellites in one screen
- Dual TP Level : Ability to measure 2 satellite signals in one screen for Dual Feed Inbs
- Diseq-C : TONE - 1.0 – 1.1 – 1.2 – 2.0 - USALS
- Unicable : UNICABLE I (EN50494) – UNICABLE II (EN50607-dCSS)
- LNB : 34 LNB types and 3 User Defined LNB Types
- Power Unit : dBm, dBuV, dBmV
- Table Measurement: Satellite Frequency Measurement and saving to USB memory as *.cvs
- Call : Single TP / All Satellite / Blind Scan / NIT Scan
- Auto Port : Automatic discovery of Diseq-C ports
- Constellation : QPSK - 8PSK
- FEC : DVB-S:1/2, 2/3, 3/4, 5/6, 7/8 – DVB-S2: 1/2, 2/3, 3/4, 5/6, 8/9, 9/10, 2/5, 3/5
- Audible Warning : Warnings based on Power Level

DVB-C & J.83B & DVB-T/T2 & ISDB-T FEATURES

- Frequency Band : 45 – 1002 MHz frequency range
- Digital Meas. Range : 25-100dBuV Satellite Band Measurement (± 3 dB Sensitivity)
- Analogue Meas. Range : 20-105dBuV Satellite Band
- Measurement (± 3 dB Sensitivity)
- Digital Meas.Screens : RF Power, aBER, bBER, MER and
- LINK MARJIN
- Analog Meas. Screens : RF Power, C/N , ΔV/A
- Memory : 50 Frequency Plans
- MER : 5 ~ 40dB
- Spectrum Analysis : Spectrum Analyzer with real time
- and image memory
- Span : 10-20-50-100-200-500-Full Spectrum Span ranges
- Antenna Feed : 5V/12V/20V, 500 mA max
- NIT Search : Automatic NIT frequency recognition and channel finding in Spectrum
- Constellation : DVB-C - 16, 32, 64, 128 , 256QAM
- J.83B – 64, 256 QAM
- DVB-T - QPSK, 16, 64QAM
- DVB-T2 - QPSK, 16, 64, 256QAM
- ISDB-T – DQPSK,QPSK,16QAM,64QAM
- LCN : Yes
- Power Unit : dBm, dBuV, dBmV
- Table Measurement : Frequency Plan Measurement and saving to USB memory as *.cvs
- Call : Single Frequency / All Plan
- Analogue TV Systems : M/N/B/G/H/I/D/K/L

GSM MOBILE FEATURES

- GSM : 900 MHz
- DCS : 1800 Mhz
- UMTS 3G : 2100 Mhz
- 4G LTE : 800 Mhz
- 5G Low : 700 Mhz
- Signal Meas. Range : 15-105dBuV Satellite Band Measurement (± 3 dB Sensitivity)
- Analog Meas.Screens : RF Power
- Spectrum Analy sis : Spectrum Analyzer with real time and image memory

CCTV – A/V – HDMI INPUT FEATURES

- Span : 10-25-50-100-Full Spectrum Span ranges
- Power Unit : dBm, dBuV, dBmV
- ANALOG : PAL - NTSC AV Input
- AHD : 1MP, 2MP, 3MP, 4MP, 5MP, 8MP
- TVI : 1MP, 2MP, 3MP, 4MP, 5MP, 8MP
- CVI : 1MP, 2MP, 4MP, 8MP
- HDMI IN : SD – HD - FHD
- HDMI OUT : SD – HD – FHD - 4K
- AV IN : PAL - NTSC AV Input
- AV OUT : PAL – NTSC 576p

IPTV TEST (MPTS/SPTS, TS, SRT, UDP, RTMP, RIST, RTSP, HTTP, HLS etc)
IP CAMERA TEST up to 8MP (with ONVIF)
FIBER OPTICAL POWER METER (850,1300,1310,1490,1550,1625nm)

SAT – TV – CATV
SIGNAL ANALYZER DEVICE

AS07STCA-4K



DVB S/S2 DVB C DVB T/T2 ISDB-T

QAM A/C – J.83B – ANALOG TV – FM – GSM ANALYZER

DiSEqC 1.0 DiSEqC 1.1 DiSEqC 1.2 DiSEqC 2.0 Unicable-I&II USALS

4K UHD HEVC H.265

AHD IN

CCTV CAMERA INPUT
AHD - CVI - TVI

USER INTERFACE



GENERAL FEATURES

- DVB S-S2/T-T2/C/J.83B/ISDB-T/GSM MOBILE COMBO Field Signal Analyzer
- IP Camera CCTV Test*
- IPTV Test (Mpts, Spts, Dash, Srt, Http, Rist, Udp)*
- Fiber Optic Power Meter*
- Single Rf input 40-2150mhz 75 ohm F Connector
- 20-100dBuV Satellite Band Measurement (± 3 dB Sensitivity)
- 20-105dBuV Catv-Terr Measurement (± 3 dB Sensitivity)
- 7" high resolution touch screen
- Signal Measurement Screens
- Spectrum Analysis Screens
- Constellation Screens
- Table Measurement screens
- Multi Level Measurement Screens
- Tilt-Limit Measurement Screens
- Rf – aBer – bBer- Per – C/N – Mer – Link Margin Measurement
- Video input for AHD-TVI-CVI and Analog CCTV cameras
- HDMI In/Out and AV In/Out Capability
- H.264, H.265 4K video display
- 1.9 GHz High-speed Processor – 16GB Memory
- Program List and Audio&Video PID information on one screen
- 7000mAh 7.4V replaceable Lith-Ion battery can work for 3-4 Hours
- Software and frequency plan update via LAN Network 100M or USB
- Windows PC software to prepare frequency plan
- Programmable 50 Catv Plans, 50 Terresterial Plans, 250 Satellite Memory
- 10,000 Frequency and Channel Memory
- Backlit numeric silicone keypad
- Battery protection and the automatic shut-off feature
- Led torch light for dark environments
- Voltage Test screen for end user testing
- 2 kg with battery
- Dimensions 250mm X 180mm X 50mm
- Operating Range 0 °C to +50 °C
- Relative Humidity 90%
- With Carrying Bag and Silicone Case
- 12Volt - 3A Charger and Car charging cable
- Menu in 20 Different Languages
- Time Zone and Time - Date Setting

DVB-S/S2 FEATURES

- Frequency Band : 950 – 2150 Mhz freq.measurement range
- Measuring Range :20-100dBuV Satellite Band Measurement (± 3 dB Sensitivity)
- Measurement Screens : RF Power, aBER, bBER, MER, C/N and LINK MARJIN
- Memory : 250 Satellite Memory + 10.000 Channels
- MER : 0 ~ 20dB
- Symbol Rate : 1 ~ 45Ms/s
- LNB Supply : Oto/13V/18V/21V, 500 mA max.
- Spectrum Analysis: Spectrum Analyzer with real time and image memory
- Span : 10-20-50-100-200-500- Full Spectrum Span ranges
- NIT Search : Automatic NIT frequency recognition & channel scan on the Spectrum screen
- LCN : Yes
- Multi-Level : Displaying 4 TP for 1 satellite and 8 TP for 2 satellites in one screen
- Dual TP Level : Ability to measure 2 satellite signals in one screen for Dual Feed Inbs
- Diseq-C : TONE - 1.0 – 1.1 – 1.2 – 2.0 - USALS
- Unicable : UNICABLE I (EN50494) – UNICABLE II (EN50607-dCSS)
- LNB : 34 LNB types and 3 User Defined LNB Types
- Power Unit : dBm, dBuV, dBmV
- Table Measurement: Satellite Frequency Measurement and saving to USB memory as *.cvs
- Call : Single TP / All Satellite / Blind Scan / NIT Scan
- Auto Port : Automatic discovery of Diseq-C ports
- Constellation : QPSK - 8PSK
- FEC : DVB-S:1/2, 2/3, 3/4, 5/6, 7/8 – DVB-S2: 1/2, 2/3, 3/4, 5/6, 8/9, 9/10, 2/5, 3/5
- Audible Warning : Warnings based on Power Level

DVB-C & J.83B & DVB-T/T2 & ISDB-T FEATURES

- Frequency Band : 45 – 1002 MHz frequency range
- Digital Meas. Range : 25-100dBuV Satellite Band Measurement (± 3 dB Sensitivity)
- Analogue Meas. Range : 20-105dBuV Satellite Band
- Measurement (± 3 dB Sensitivity)
- Digital Meas.Screens : RF Power, aBER, bBER, MER and
- LINK MARJIN
- Analog Meas. Screens : RF Power, C/N , □ V/A
- Memory : 50 Frequency Plans
- MER : 5 ~ 40dB
- Spectrum Analysis : Spectrum Analyzer with real time
- and image memory
- Span : 10-20-50-100-200-500-Full Spectrum Span ranges
- Antenna Feed : 5V/12V/20V, 500 mA max
- NIT Search : Automatic NIT frequency recognition and channel finding in Spectrum
- Constellation : DVB-C - 16, 32, 64, 128 , 256QAM
- J.83B – 64, 256 QAM
- DVB-T - QPSK, 16, 64QAM
- DVB-T2 - QPSK, 16, 64, 256QAM
- ISDB-T – DQPSK,QPSK,16QAM,64QAM
- LCN : Yes
- Power Unit : dBm, dBuV, dBmV
- Table Measurement : Frequency Plan Measurement and saving to USB memory as *.cvs
- Call : Single Frequency / All Plan
- Analogue TV Systems : M/N/B/G/H/I/D/K/L

GSM MOBILE FEATURES

- GSM : 900 MHz
- DCS : 1800 Mhz
- UMTS 3G : 2100 Mhz
- 4G LTE : 800 Mhz
- 5G Low : 700 Mhz
- Signal Meas. Range : 15-105dBuV Satellite Band Measurement (± 3 dB Sensitivity)
- Analog Meas.Screens : RF Power
- Spectrum Analy sis : Spectrum Analyzer with real time and image memory

CCTV – A/V – HDMI INPUT FEATURES

- Span : 10-25-50-100-Full Spectrum Span ranges
- Power Unit : dBm, dBuV, dBmV
- ANALOG : PAL - NTSC AV Input
- AHD : 1MP, 2MP, 3MP, 4MP, 5MP, 8MP
- TVI : 1MP, 2MP, 3MP, 4MP, 5MP, 8MP
- CVI : 1MP, 2MP, 4MP, 8MP
- HDMI IN : SD – HD - FHD
- HDMI OUT : SD – HD – FHD - 4K
- AV IN : PAL - NTSC AV Input
- AV OUT : PAL – NTSC 576p

FIELD MEASURING DEVICES

AS06STC-AHD



DVB S/S2 DVB C DVB T/T2 USALS

DiSEqC 1.0 DiSEqC 1.1 DiSEqC 1.2 DiSEqC 2.0 **Unicable-I&II**

AHD IN

CCTV CAMERA INPUT

AHD - CVI - TVI

SATVISION
Alpsat AS06-STC&AHD
GUT 90,8 %

Alpsat AS06-STC
1,2
Oberklasse
Preis/Leistung: sehr gut
SAT Empfang 2/2017

USER INTERFACE



MAIN FUNCTIONS

- DVB S-S2 / T-T2 / C COMBO Signal Analyzer
- All in one 45-2150mhz 75 ohm (“F”) Rf input
- AHD-TVI-CVI and Analog video input for CCTV cameras
- 3.5” high resolution and high brightness display
- MPEG2-4 SD & HD pictures with Program List, Audio Video PIDs all on one screen
- Support AAC supplied, DOLBY
- 800 MHz processor speed – 8MB Memory
- 3000mAh 7.4V replaceable Lit-Ion Battery with up to 4 hours duration
- Usb Memory Software upgrade and Frequncy Database update
- Pc software for Frequency database update
- 30 Catv, 30 Terresterial, 150 Sat programmable plan by PC or Local Keyboard
- 5000 frequency memory
- Numeric Silicone keypad with backlight
- Power save timer functions
- Led Flash Light
- Test Voltage levels for end user
- Weight only 1.2 kg with battery
- Size 190mm X 110mm X 45mm
- Temperature range 0 °C to +50 °C
- Humidity Up to 90% non condensing
- With silicone case and padded bag.
- 12Volt 1.5A Charger and Car Lighter Charger

DIGITAL DVB-S / DVBS-2 SATELLITE SPECIFICATIONS

- DVB-S/S2 Measuring SAT: 950 – 2150 Mhz
- -80 to 0 dBm power measurment range
- BER , MER , C/N digital measurments.
- Level Measurement Accuracy 1 dB typ. (2.5 dB max.)
- Spectrum Analyzer: Real Time Spectrum with capture
- 50 , 75 , 150 , 300 , 600 , 1200mhz Spectrum Span
- Automatically TP identifies NIT function in spectrum
- Tp Control : 4 Tp’s Levels of one and two Satellite in one screen
- Multi Sat Level Control: Dual Feed LNB 2 satellite’s levels in one screen
- Satellite Constellation: Qpsk & 8psk for Sat.
- Auto Port Scan: Diseqc 1.0-1.1-Unicable ports search for sat.
- 150 satellite’s more than 2000 TP Frequency current databaseAutomatic Signal Quality analysis assistant
- HD & SD Sat Tv Video
- FEC: DVB-S:1/2, 2/3, 3/4, 5/6, 7/8 –
- DVB-S2: 1/2, 2/3, 3/4, 5/6, 8/9, 9/10, 2/5, 3/5
- Symbol Rate: 1 to 45MS/s Full automatic selection
- DiSEqC 1.x, DiSEqC 2.x and USALS
- Supports Diseqc 1.0-1.1-1.2-2.0 , USALS
- Unicable 1&2 EN50494/EN50607
- Lnb Power Supply : 13/18/21V – 500mA
- Supports 32 Lnb Type
- KA , KU, C , L / R band
- dBm , dBuV and dBmV levels
- Level warnings with buzzer

CATV SPECIFICATIONS

- DVB-C and Analog CATV Measuring: 45 – 1002 MHz
- -90 to 0 dBm power measurment range
- BER , MER , C/N digital measurments
- Analog Catv level and V/A ratio 4dB to 26dB
- Analog Audio carrier 4,5MHz, 5,5 MHz, 6,0 MHz, 6,5 MHz
- Level Measurement Accuracy 1 dB typ. (2.5 dB max.)
- Spectrum Analyzer: Real Time Spectrum with capture
- 15, 30, 50, 100, 200, 500, 1000MHz Spectrum Span
- Automatically TP identifies NIT function in spectrum menu
- TILT / LIMIT Function for full band
- Automaticly scan and prapare search table
- Edit Frequency Plan database by Pc or Keypad
- Catv Constellation: 16QAM, 32QAM, 64QAM, 128QAM, 256QAM
- DVB-C & QAM Annex A/C
- Symbol rate: 2 to 6.999MS/s – Automatic selection
- 6 MHz, 7 MHz, 8 MHz Channel Bandwidth
- 30 Frequency Plan more than 4000 TP Frequency
- Automatic Signal Quality analysis assistant
- HD & SD CATV Digital Video
- dBm , dBuV and dBmV levels
- Level warnings with buzzer

TERRESTERIAL SPECIFICATIONS

- DVB-T/T2 and Analog Terresterial Measuring:45-1002 MHz.
- -90 to 0 dBm power measurment range
- BER , MER , C/N digital measurments.
- Analog Terresterial level and V/A ratio 4dB to 26dB
- Analog Audio carrier 4,5MHz, 5,5 MHz, 6,0 MHz, 6,5 MHz
- Level Measurement Accuracy 1 dB typ. (2.5 dB max.)
- Spectrum Analyzer: Real Time Spectrum with capture
- 15, 30, 50, 100, 200, 500, 1000mhz Spectrum Span
- Automatically TP identifies NIT function in spectrum menu
- TILT / LIMIT Function for full band
- Automaticly scan and prapare search table
- Edit Frequency Plan database by Pc or Keypad
- Terr Constellation: QPSK, 16QAM, 64QAM (DVB-T) 256QAM (DVB-T2)
- FEC : DVB-T: 1/2, 2/3, 3/4, 5/6, 7/8 , DVB-T2:1/2, 2/3, 3/4, 5/6, 7/8, 3/5, 4/5
- 1.7 MHz , 5MHz , 6 MHz, 7 MHz, 8 MHz Channel Bandwidth
- 30 Frequency Plan more than 4000 TP Frequency
- 5V , 12V , 20V/250mA antenna power supply
- Automatic Signal Quality analysis assistant
- HD & SD TERR Digital Video
- dBm , dBuV and dBmV levels
- Level warnings with buzzer

SATELLITE SIGNAL METER

AS05PRO-AHD



DVB S/S2 Unicable-I&II

DiSEqC 1.0 DiSEqC 1.1 DiSEqC 1.2 DiSEqC 2.0 USALS

AHD IN

CCTV CAMERA INPUT
AHD - CVI - TVI

InfoDigital
TESTNOTE
SEHR GUT (1,4)
91,65%

Alpsat Satfinder 5 HD Pro
1,2
Oberklasse
Preis/Leistung: sehr gut
SAT Empfang 2/2018

MAIN FUNCTIONS

SATFINDER 5 PRO-AHD Real Time and NIT Function Spectrum Analyzer, HD Video Display 3.5" Lcd Tft , DVBS/S2 Satellite Signal Meter Device.

SATFINDER 5 PRO-AHD is a professional measuring device for ensuring most accurate installation of dish antenna. With the device 3.5" Lcd Tft color monitor you can display SD and HD Digital TV programs and also the frequency spectrum between 950-2150 Mhz. (in normal and advanced mode).

The device has 32 different LNB type memory. It also has user-customizable LNB types. 22Khz Tone – 13/18V selectable. Supports Diseq-C 1.0-1.1-1.2-2.0 and Multiswitch central systems. It may perform USALS motor system installations and may measure UNICABLE I&II (SCR,dCSS) EN50494/EN50607 JESS systes on a single cable. The Lnb supply has protection against short circuits, and has screen warnings. You can also use SATFINDER 5 PRO-AHD as an AHD-TVI-CVI- ANALOG cctv camera test monitor.

You may use the device with 3000mAh 7.4V Lithium Polymer charging batteries, and charge it with External 220V AC charging device and Car lighter charging device. Battery packs and charging circuits are protected against short circuits and high currents. Its average Operating span is about 4 hours. This sensitive device has many functions, it is versatile and easy to use with bakclight keypad. It has got Led Lantern light for dark areas.

English, Turkish, German, French, Spanish, Portuguese, Russian, Arabic, Dutch and Italian OSD Menu Languages are available. It is a super lightweight measuring device weighing only 1kg. with protective cover and batteries.

TECHNICAL FUNCTIONS

- Satellite orbit and recognition from Spectrum NIT.
- Full Band Spectrum Analyzer Real-time (350ms)
- dBuV, dBmV or dBm signal strength indicator
- Level and BER measurement
- Detailed display of signal quality (BER evaluation)
- S/N and C/N measurement
- Constellation I/Q Diagram
- 800 MHz processor speed
- 8MB Memory / 512Mb Ram
- 5000 TP Capacity
- 8000 Tv Channels Capacity
- 250 Satellite Capacity
- Keyboard with Backlight
- Led Torch Light
- LNB Supply: 13/18V/21V , 22 kHz – 500/650mA
- Ka/Ku/C band support.
- V/H and L/R selectable polarity
- KA-BAND L.O. Frequency: 17.25-20.25 GHz
- 32 LNB Type and 3 Type interchangeable User Lnb
- F – Male Connector Input
- Low Threshold level DVBS2 Tuner ST Processor
- Level range: -65 dBm to – 25dBm
- FEC Qpsk 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10
- FEC 8psk 3/5, 2/3, 3/4, 5/6, 8/9, 9/10
- Symbol Rate: 1 to 45Msps
- DVBS, DSS (DirecTv), DVBS2 / QPSK and 8PSK
- DiSEqC 1.0 , 1.1 , 1.2 , 2.0
- DiSEqC 1.2 and USALS Motor Control
- Support UNICABLE I&II (SCR,dCSS) EN50494/EN50607 JESS
- USB 2.0 Memory Interface.
- Tp frequency update from USB Memory.
- Software update via USB Memory.
- XP/7/8/10 compatible with Windows (32/64-bit)
- Satellite position detection max 1 second.
- Easy to use with small and light weight design
- Long life Lithium- Poly battery (3000mAh)
- 4 hours of battery work time
- AHD-TVI-CVI CCTV Input
- Dimensions (WxHxD): 18 x 11 x 6 cm
- Carrying Cover Bag
- Weight: about 1 kg including battery

USER INTERFACE



SATELLITE SIGNAL METER

SF03 BT



Bluetooth™

DVB S/S2 Unicable-I&II

DiSEqC 1.0 DiSEqC 1.1 DiSEqC 1.2 DiSEqC 2.0 USALS

AHD IN

CCTV CAMERA INPUT
AHD - CVI - TVI

Satfinder SF03-BT
1,2 Oberklasse
Preis/Leistung: sehr gut
SAT Empfang 2/2016

MAIN FUNCTIONS

SATFINDER BT communicates via Bluetooth for DVB-S2 Satellite Antenna Signal measurement SATFINDER BT DVB-S2 application, the satellite signal is measured and analyzed with the making an additional patented electronic device. That communicates via Bluetooth; Satellite Antenna Signal measurement dont work without additional equipment. SATFINDER BT can measure DVBS/S2 Satellite Signals with F.Plan Function Real-Time Spectrum Analyzers . And you can find LNB Skew and Satellite Position with GPS datas.

SATFINDER BT is the most accurate professional measurement instrument for to make dish antenna installation. Device can Show 950- 2150MHz frequency spectrum with Android
and IOS products.

There are 32 different LNB type memory. In addition, three special User Lnb can be changed . 22KHz Tone – 13/18V can choose .Diseq- C 1.0-1.1-1.2 and supports Multiswitch systems.

You can make installation USALS motor systems and can measure UNICABLE systems over a single cable systems. LNB supply is protected against short circuit and on-screen alerts are available.

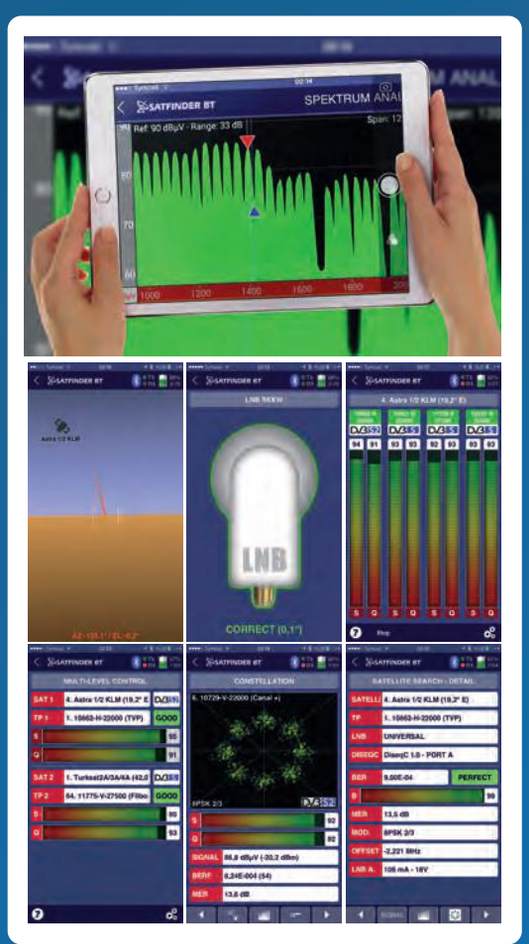
Device 3.7V 2000mAh Lithium Polymer rechargeable battery can also be used via an external 220V AC charger and in-car cigarette lighter charger can charge with the apparatus. Battery packs and charging circuits are protected against short-circuit and over-current. Average working time is up to 3 hours.

English, Turkish, German, French, Portogues, Spanish, Italian Languages OSD Menu is available. Along with carrying case and battery with a weight of just 400 grams is super light measuring instruments .

TECHNICAL FUNCTIONS

- Full Band Spectrum Analyzer Real-time (350ms)
- dBuV , dBmV or dBm signal strength indicator
- Level and BER measurement
- Detailed display of signal quality (BER evaluation)
- S/N and C/N measurement
- Constellation I/Q Diagram
- 250 Satellite Capacity
- High quality gold-plated motherboard
- LNB Supply: 13/18V, 22 kHz – 500/650mA
- Ka/Ku/C band support
- V/H and L/R selectable polarity
- KA-BAND L.O. Frequency: 17.25-20.25 GHz selectable
- 32 LNB Type and 3 Type interchangeable User Lnb
- Low Threshold level DVBS2 Tuner with ST Processor
- Level range: -65 dBm to – 25dBm
- FEC Qpsk 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10
- FEC 8psk 3/5, 2/3, 3/4, 5/6, 8/9, 9/10
- Symbol Rate: 2 to 45Msps DVBS,DSS,QPSK and 8PSK-DVBS2
- Auto DiSEqC 1.0, 1.1, 1.2 Recognition
- DiSEqC 1.2 and USALS Motor Control
- F – Connector Input
- Software update via Smart Phones
- Satellite position detection max 1 second
- Easy to use with small and light weight design
- Long life Lithium- Poly battery (2000mAh)
- 3 hours of battery lifetime (80-100mA LNB current)
- 2-hour shorter battery charging time

USER INTERFACE



DEVICE OPERATING PRINCIPLES



SATELLITE FINDER

AS04 HDU



DVB S/S2 Unicable-I&II

DiSEqC 1.0 DiSEqC 1.1 DiSEqC 1.2 USALS

MAIN FUNCTIONS

SATFINDER 4 HD ULTRA is a satellite meter device for ensuring most accurate installation of dish antenna. With the device 3.5 Lcd T color monitor you can display SD and HD Digital TV programs and also the frequency range between 950-2150 Mhz. (in normal and advanced mode).

The device has 34 different LNB type memory. It also has user-customizable LNB types. 22Khz Tone – 13/18V selectable. Supports Diseq-C 1.0-1.1-1.2 and Multiswitch central systems. It may perform USALS motor system installations and may measure UNICABLE I&II types on a single cable. Changable F connector and The Lnb supply has protection against short circuits, has screen warnings.

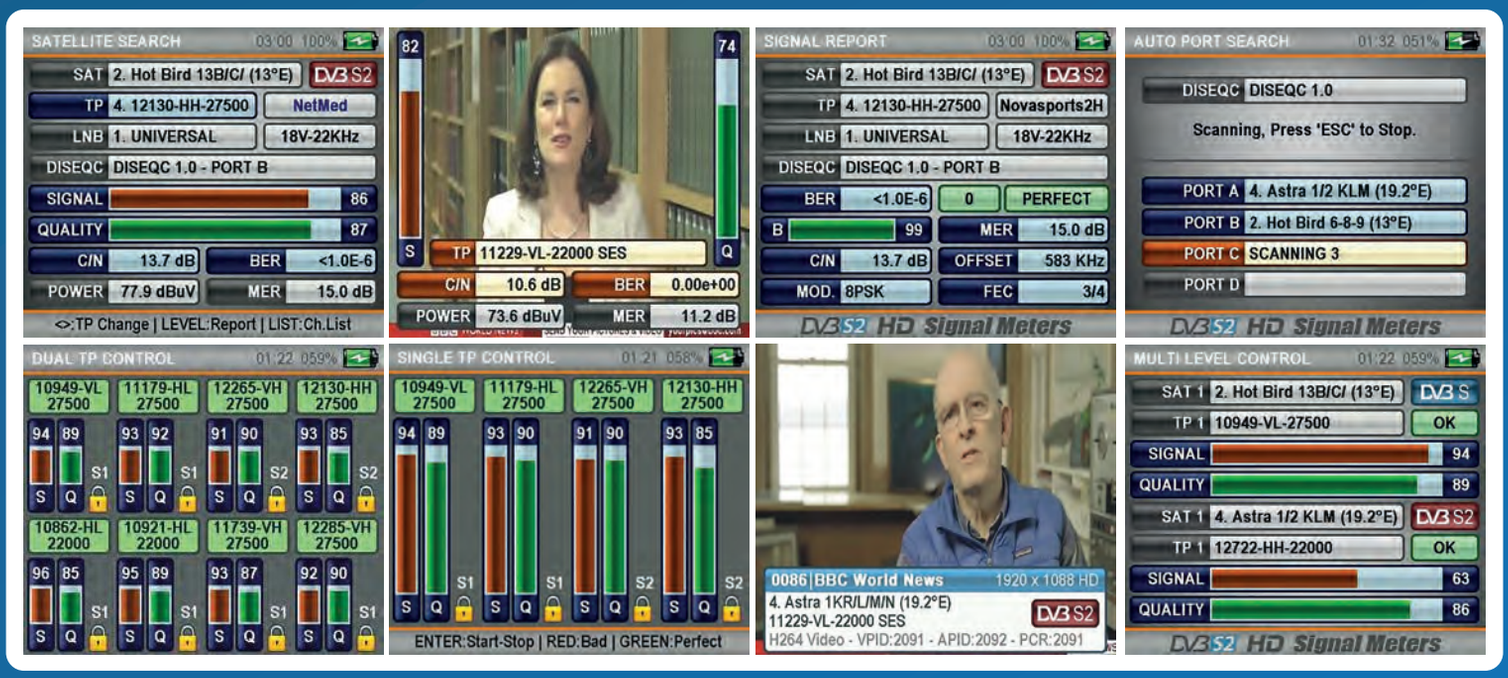
You may use the device with 2400mAh 7.4V Lithium Polymer charging batteries, and charge it with External 220V AC charging device and Car lighter charger device. Battery packs and charging circuits are protected against short circuits and high currents. Its average Operating span is about 3 hours.

English, Turkish, German, French, Spanish, Portuguese, OSD Menu Languages are available. It is a super lightweight measuring device weighing only 800 grams with cover and batteries.

TECHNICAL FEATURES

- dBuV, dBmV or dBm signal strength indicator
- Level and BER measurement
- Detailed display of signal quality (BER evaluation)
- MER and C/N measurement
- 800 MHz processor speed
- 8MB Memory / 512Mb Ram
- 5000 TP Capacity
- 8000 TV Channels Capacity
- 250 Satellite Capacity
- LNB Supply: 13/18V/21V , 22 kHz – 500/650mA
- Ka/Ku/C band support.
- V/H and L/R selectable polarity
- KA-BAND L.O. Frequency: 17.25-20.25 GHz
- 34 LNB Type and 3 Type interchangeable User Lnb
- Changable F connector
- Low Threshold level DVBS2 Tuner
- Level range: -65 dBm to – 25dBm
- FEC 1/4, 1/3, 2/5, 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10
- Symbol Rate: 1 to 53Msps
- DVBS, DVBS2 QPSK, 8PSK, 16APSK, 32APSK
- DiSEqC 1.0, 1.1, 1.2
- DiSEqC 1.2 and USALS Motor Control
- Support UNICABLE I&II
- USB Memory Interface.
- Tp frequency update from USB Memory.
- Software update via USB Memory.
- XP/7/8/10 compatible with Windows (32/64-bit)
- Easy to use with small and light weight design
- Long life Lithium- Poly battery (2400mAh)
- 3 hours of battery work time
- Video and Audio input
- Dimensions (WxHxD) : 18 x 10 x 5 cm
- Protection Bag
- Weight: about 0.8 kg including battery

USER INTERFACE



SATELLITE FINDER

SF03 HDU



DVB S/S2 **Unicable-I&II**

DiSEqC 1.0 DiSEqC 1.1 DiSEqC 1.2 DiSEqC 2.0 USALS

MAIN FUNCTIONS

SATFINDER 3 HD is an affordable DVB-S / DVB-S2 Satellite Signal Meter equipment with Spectrum and Constellation for professional dish antenna installers.

USB Port Connection: You may update the software for your device and upload frequencies via the USB Port connection.

DVB-S / DVB-S2 ST Tuner: You may adjust DVB-S / DVB-S2 signals quickly and with precision via the ST processor Tuner.

Spectrum and Constellation: Professional installers can make their measurements more precise.

Cross Polarisation: Vertical and Horizontal lnb setting by controlling the levels of signals.

Package Tp Level: You can see multiple frequencies on the same screen.

Touch Membrane : Quick and easy to use with touch-sensitive keys.

Easily Charger: You may easily charge your device in any condition with the charging adapter and with the lighter charging equipment in your vehicle.

LCD Screen: You may use your device at noon and night with its 128×64 pixel led illuminated LCD screen. Carrying

Cover Bag: Your device will be even more durable with its robust and durable bag
which may be worn on your waist and neck.

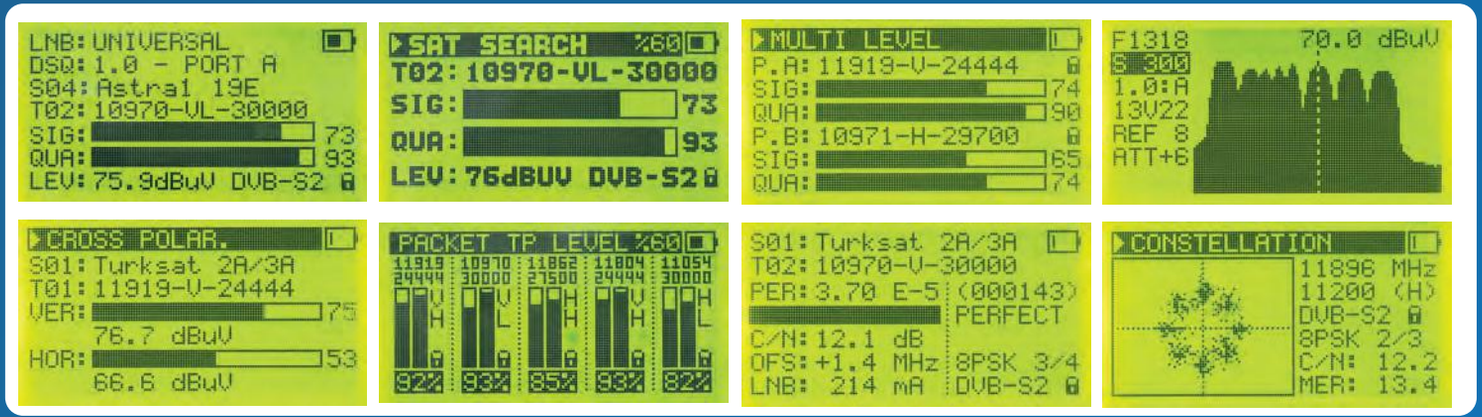
Automatic Satellite and Diseqc Detection: You may use the AUTOMATIC SATELLITE or AUTOMATIC Diseqc option on the menu and your current satellite will be indicated on the
screen.

6 Different Languages : Turkish – English – Dutch – German – Spanish – French

TECHNICAL FEATURES

- IF Frequency Range : 950 Mhz – 2150 Mhz
- Satellite : 32 Satellite
- Frequencies : 16 TP for a SAT, total 512 TP
- Tuner : ST Chipset Solution
- RF Connektor : F Type Connector
- Symbol Rate : 2000 – 45000 baud
- MOD : Auto QPSK, 8PSK
- Signal Range : -65 dBm ~ -15dBm
- 22 KHZ : Automatik
- LNB types : 30 Lnb Types
- ShortCut Circuit : LnbP21
- Diseq-C Protocol : Diseq-C 1.0, 1.1, 1.2
- Spectrum : Full band Spectrum with Span
- Constellation : QPSK, 8PSK Data errors
- Auto Diseq-C : Which port Which Satellite
- Auto Satellite Scan : Fast Scan
- Frequency Editting : With EDIT Button
- Levels : BER, PER, C/N, OFFSET measurements
- Measurement : dBuV, dBm, dBmV
- Display : 128×64 LCD
- Display Backlight : Yellow-Green Backlight
- Sizes : 6cm x 14cm x 8cm
- Weight : 500 gr
- LNB Out Supply : 13V /18V - 650mA
- Max. Power : 750 mA
- Battery : 2.000maH 7.4V Lit-Ion
- Charge Time : 2 hours
- Useage Time : 180 ~220 Minutes
- Charger : 220V AC / 12VDC-1A
- Car Charger : 12 V - 1 A
- PC Connection : Micro USB
- PC Software : Windows Xp/Vista/7/10 – 32&64 Bit
- Sound : Buzzer speaker
- Companent : SMD
- Languages : English, German, Turkish, Deutch, French, Spanish

USER INTERFACE



SATELLITE FINDER

SF02 HDU



DVB S/S2 DiSEqC 1.0 DiSEqC 1.1

MAIN FUNCTIONS

SATFINDER 2 HD USB fast and easy satellite finder equipments for semi professional DVB-S/DVB-S2 installers.

Touch membrane: Easy and fast usage with the sensitive touch screen buttons.

F Male Changeable Connector: If your LNB input connector broken or not sensitive you can change yourself.

USB Connection: You can update the software of your unit and download frequencies by means of the USB PORT connection.

DVB-S2 Tuner : You may adjust the signals quickly and with precision via DVBS2 Tuner.

Easily Charged: You may easily charge your device in any condition with the charging adapter and with the lighter charging equipment in your vehicle.

LCD Screen : You may use your device at noon and night with its 16X2 led illuminated LCD screen.

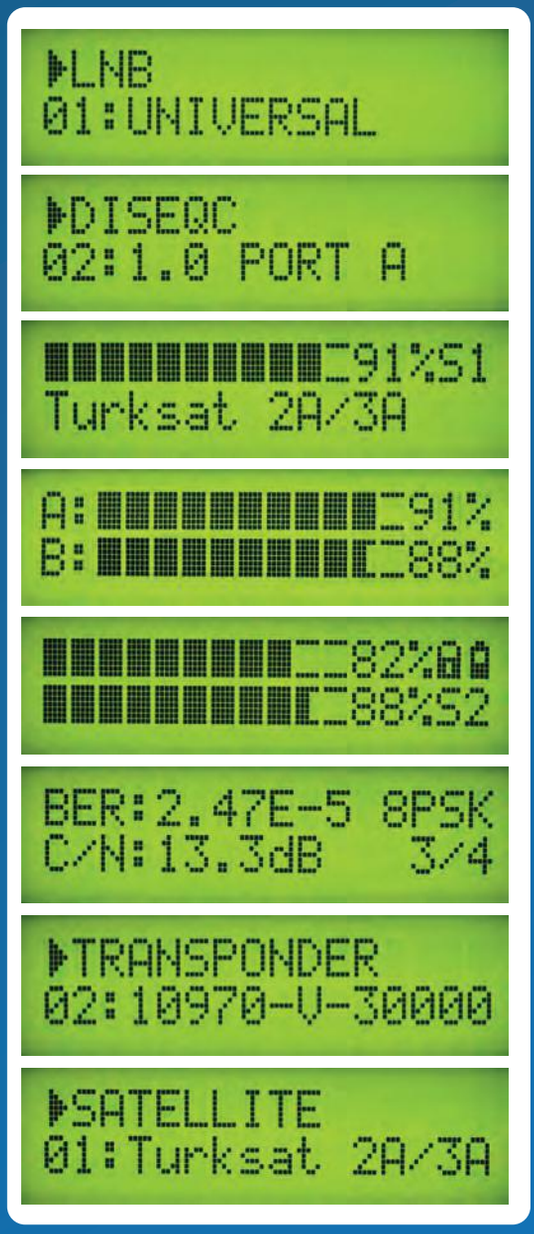
Protection Bag: Your device will be even more durable with its robust and durable bag which may be worn on your waist and neck.

6 Different Languages : Turkish – English – Dutch – German – Spanish – French

TECHNICAL FEATURES

- IF Frequency Range : 950 Mhz – 2150 Mhz
- Satellite : 16 Satellites
- Transponder : Each Sat 8 TP , Total 128 TP Memory
- Symbol Rate : 2000-45000 MBaud
- Tuner : DVB-S/S2 SERIT
- FEC : QPSK / 8PSK / 16APSK / 32 APSK
- Signal Level Range : -65 dBm ~ -15dBm
- RF Connektor : F Type Changeble Connector
- Diseq-C Protocol : DiseqC – 1.0 , 1.1
- Shotcut Circuit : LnbP21
- 22 KHZ : Auto
- LNB Types : 32 Lnb Type
- Multi Level : 2 Satellite Signal in one screen
- Auto Sat Search : Fast Sat Identify
- Neq Frequency Editor : Frequency and Sat name changeble with EDIT button.
- Level Types : BER , PER , C/N Levels
- Screen Type : 16X2 LCD
- Screen Backlight : Yellow-Green Backlight
- Dimensions : 6cm x 14cm x 8cm
- Weight : 500 gr
- LNB Supply : 13V – 18V / 650mA
- Max. Power Consuption : 600 mA
- Battery : 2000maH 7.4V Lit-Ion
- Charging Time : 3-4 Hours
- Battery Work Range : ~180-220 Minutes
- Charger : 220V-AC input , 12V-DC output,1A
- Car Charger : 12V-1 A
- PC Connection : USB Port
- PC Software : Windows Xp/Vista/Win7/10 – 32&64 Bit
- Sound : Buzzer
- Lanugage : English, French, German, Turkish , Deutch, Spanish
- Component : SMD

USER INTERFACE



CCTV TEST MONITOR

AS33 IPCX



IPC/ONVIF
AHD-TVI-CVI-PAL
HDMI-IN/OUT
CAT CABLE TESTER

MAIN FUNCTIONS

AS33-IPCX series CCTV camera tester is developed for the on-site installation and maintenance of IP, Analog, Coaxial HD camera and Network cables, with video display, magnification, record and playback, video snapshot or screen snapshot, PTZ control, RS485 data transmission, PING test, IP address scan, LED lamp, etc. The new developed functions include coaxial TVI CVI AHD camera test, PoE power output, PSE voltage check, HDMI video input test, TDR cable breakpoint test.

The new tester designed with easy operation and portability makes it simple for a CCTV technician or installer to install and maintain CCTV systems, improving work efficiency by reducing time in the field.

TECHNICAL FEATURES

- 7 inch full-view IPS screen, resolution 1920*1200, G + G structure touch screen, hard and wear-resistant, corrosion-resistant, high transmittance
- 7.4V 7000mAh high-capacity polymer lithium battery, low consumption, screen auto sleep to save power, once charged work continually for 8-10 hours
- 4K H264/H265/MPEG4/MJPEG IP camera mainstream test
- CVBS NTSC/PAL format analog camera test
- Coaxial HD 8MP TVI, 8MP CVI, 5MP AHD camera test
- PTZ control, support PELCO-P, PELCO-D, SAMSUNG and other more than 30 kinds of protocols
- Rapid ONVIF, automatically scan camera IP, rapidly play camera video, support camera parameter modification and mobile client installation
- ONVIF-XVR multiple camera video display, support max 16 IP/CVBS videos display in one screen at the same time
- Video image zoom, high definition hardware decoder for camera HD video real-time smoothly display, image magnificate max 8 times, support video snapshot or record
- PoE power and test PSE device power supply status and output 48V/24W standard PoE power for camera
- USB 5V/2A power output, supply power for camera or charge mobile phone, also used to connect keyboard, mouse or U disk device (new function)
- One channel audio input, support audio recording, one channel output for earphone
- HDMI input, test DVR, support 1080P 60fps (new function)
- Network cable test, check cable connection status and wire sequence, etc
- Internal SD CARD 8G storage and external replaceable MicroSD card
- FTP tool, transfer files in LAN freely without SD card reader
- 10/100/1000M Ethernet interface, built-in 150M wireless WIFI, support WIFI hotspot
- IP address scan tool, rapidly search out camera or other device IP address
- PING tool, easy to check Ethernet connection status
- Screen mirroring function, support IOS, Android, WP, black berry etc
- Bright white LED lamp, easy to work in dark area
- DC12V/2A, DC24V/1A power output, supply temporary power for all kinds of cameras including PTZ
- Support Turkish, English, Spanish and other more than 10 kinds of languages, Built-in multi-language electronic manual
- Built-in explorer, RTSP player and other Android applications
- Support so□ware online or local upgrade.





DEVICE TOP VIEW



DEVICE BOTTOM VIEW

DVB-T MODULATORS

AS102-TC HDMI/AV



DVBC DVBT ISDB-T J.83B MODULATOR

MAIN FUNCTIONS

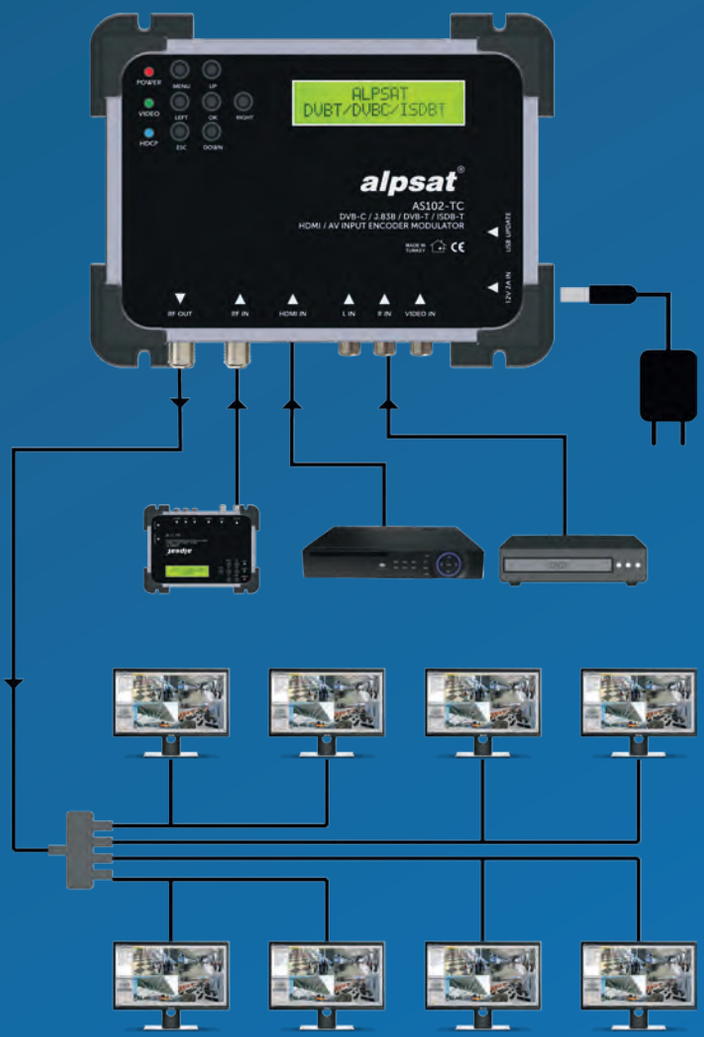
AS102-TC HDMI/AV Giris DVB C/J.83B - DVB-T – ISDB-T MODULATOR

AS102-TC is a HDMI/Av Input Dvb C/J.83b – Dvb-T – Isdb-T Encoder Modulator Device HDMI Or Rca Av Outputs Like Dvr, Nvr, Satellite Receiver Dvb C/J.83b – Dvb-T – Isdb- It Is A Programmable Digital Modulator Device Used To Convert T Signal. In this way, it is ensured that the HDMI images taken are watched in Dvb C / J.83b - Dvb-T - Isdb-T Tv Standards.

TECHNICAL FEATURES

- SPECS
- Video Input : HDMI Type A Or CVs: Rca 75 Ω
- Audio Input : HDMI Type A Or Stereo L/R: Rca 10k Ω
- CODING
- Video Resolution : Up to 1080p@30hz
- Other Resolutions : 800x600/1024x768/1280x600/1280x720
- 1280x768/1360x768/1366x768
- Video Compression : H.264/ AVC
- Audio Compression : Mpeg-1 Audio Layer II (Iso/Iec 11172-3)
- PID Settings : PMT/ Video/ Audio
- PSI : NID/ ONID/ P.D.S./ TS ID
- LCN : Up to 1,000 Channels
- Service Name : 15 Characters
- GENERAL FEATURES
- Type : Wall Mount
- Dimensions : 170×120×45 Mm
- Weight : 450 Gr
- Power Supply : DC 12v / 2a
- Power Consumption : 10 W
- Operating Temperature: 0 ~ 45°C
- MODULATION
- Transmission Mode : 2K/8K
- Safe Range : 1/4, 1/8, 1/16, 1/32
- Code Ratio : 1/2, 2/3, 3/4, 5/6, 7/8
- Consensus : QPSK/16QAM/64QAM
- RF OUT
- Standard : DVB-C (J.83 A/B/C), DVB-T, ISDB-T
- Frequency Range : 100-860 MHz
- Output Power : 65-100 dBuV
- MER : >36 dB
- Connector Type : 'F' Female
- CONTROL
- Management : With Control Buttons on the LCD Screen

INSTALLATIONS



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ON
CLARITY
WITH
US

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