

SRI DATTA ELECTRONICS PVT. LTD.

WE INTRODUCE OURSELVES AS “**SRI DATTA ELECTRONICS PRIVATE LIMITED**”, A COMPANY INCORPORATED IN HYDERABAD BY US, A TEAM OF PROFESSIONALS FROM TECHNICAL AND ENGINEERING BACKGROUND, HAVING ABOUT FORTEEN YEARS OF EXPERIENCE WITH DEFENCE & GOVERNMENT ORGANIZATIONS FOR A WIDE RANGE OF PRODUCTS AND SERVICES.

Our Products:

Portable Integrated Telemetry Tracking System with Dual Channel Receiver, Dual Channel Bit Synchronizer, Dual Channel Frame Synchronizer, Dual Channel Decommulator with Diversity Combiner.

The system is capable to stream dual channel at a time With different frequencies and it is capable to record dual channel at a time.

In Realtime we can monitor two different streams over Networking/multicasting.

The system is capable to take input from PCM Ethernet Data.

The Playback file can be converted to .CH10 file.

The system is having IRIG time Generator and Reader.



Specifications:

Input Frequency:

S, L, UL, C & IF-70MHz

Demodulation Types:

MS-PCM/FM, PSK,

QPSK, SOQPSK,

SOQPSK- TG,

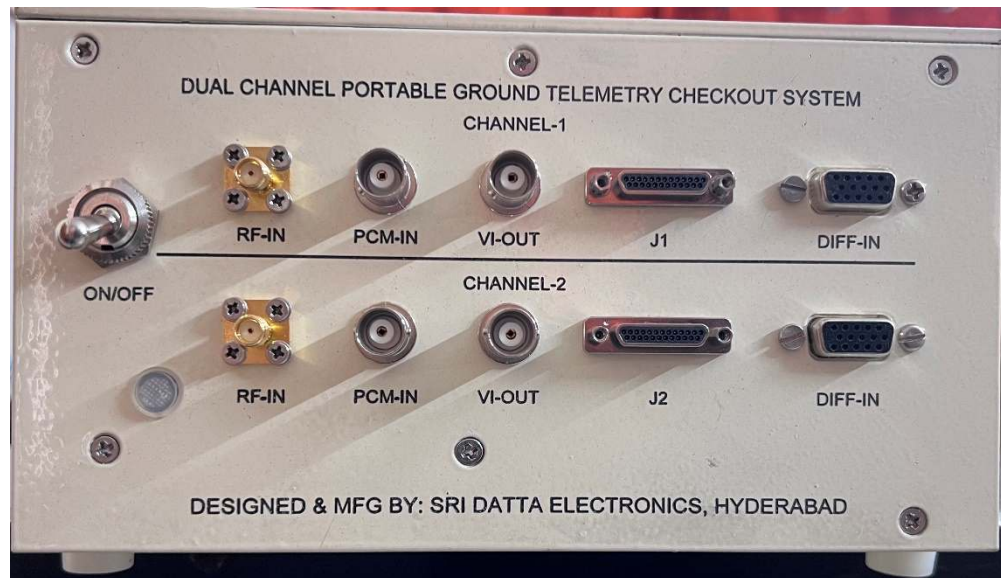
SOQPSK-MIL,

UQPSK, UAQPSK,

MH-CPM

Data Rate Support up to-20Mbps for Bi-Φ

And up to 30Mbps for NRL.



Customized Telemetry Tracking System Enclosure

Input Codes:

NRZ-L/M/S, Bi-Φ L/M/S, RZ, DM-M/S, MDM- M/S, Diff Bi-ΦM/S, RNRZ-LM Sin (11,15, 17, and 23)

Frame Sync Pattern: 7 to 64 bits

Frame-Sync Data Polarity: Normal, Inverted, Auto

Reg Address: SRI DATTA ELECTRONICS PVT LTD

F. NO: 201, CHAITNYA CHAMBERS, SAI NAGAR, CHAITANYAPURI, HYDERABAD-500060(TS)

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Data Alignment: MSB or LSB

Word length: 8 to 16bits

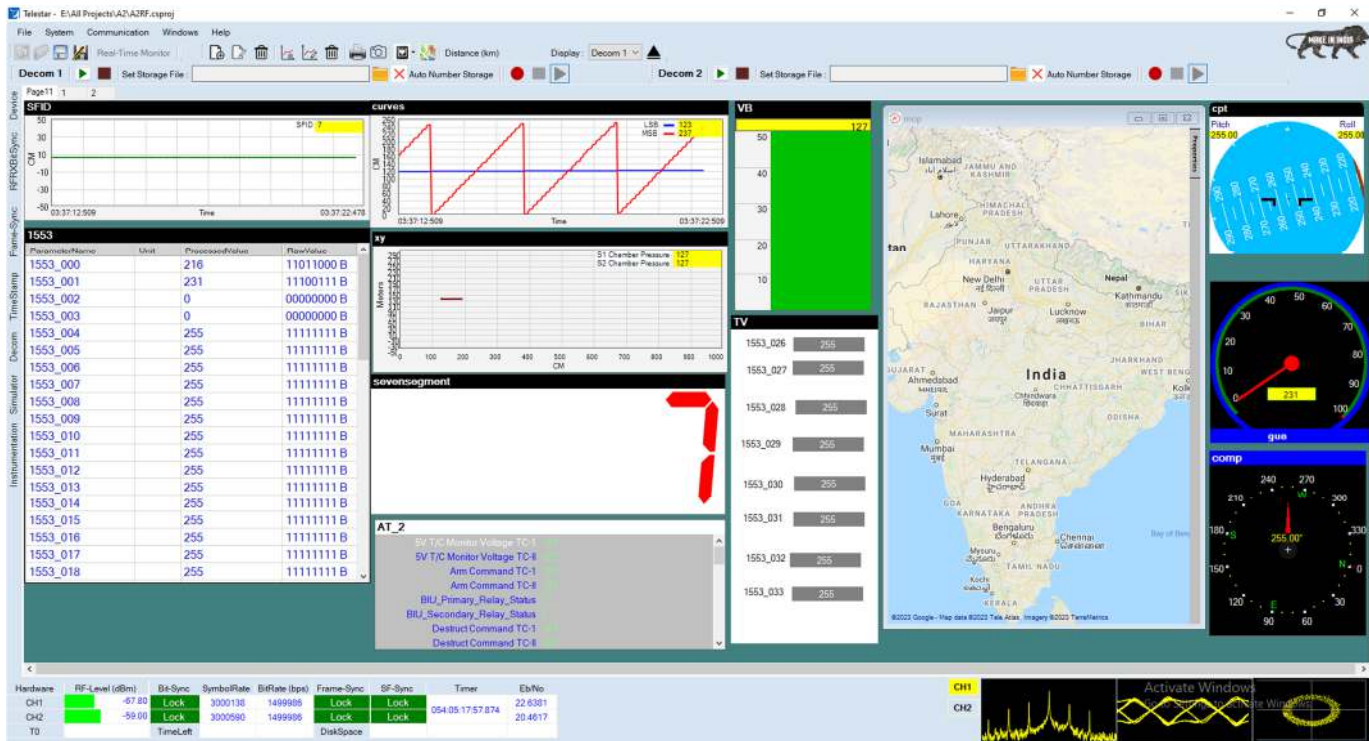
Minor Frame Length: 3 to 65536

Sub frame Sync Methods: None, SFID, FCC, URC

Time Reader: Computer, IRIG: A, B, G

Dimension: 6.0 x 4.0 x 1.672 – inch

Form Factor: Modular Brick



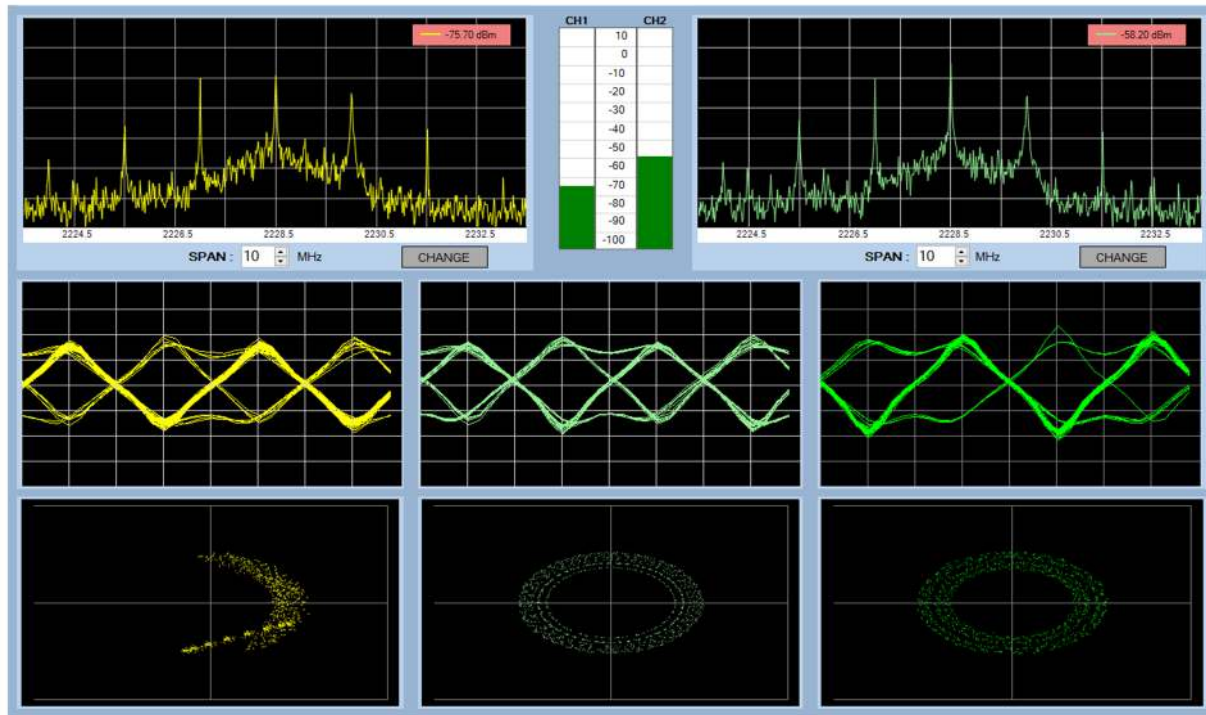
Realtime Telemetry Tracking Monitoring System

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Activate Windows
Go to Settings to activate Wi

Realtime Receiver Instrumentation

Drone Based Telemetry Tracking System with LS-28 & SDR's.



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SDR Specifications:

Parameters	Specifications
Type	IP Mesh MANET SDR, Video, Audio & Data
Data Rate	54Mbps
Radio	
Band	L-Band & S-Band
Mode	IP Mesh Manet
GPS	Supported (GOLNSS / NavIC)
IP MESH	
Channel Bandwidth	5.0 to 20MHz
Transmit Output	33dBm
Transmit Power Control	0.25dBm
Modulation	OFDM/COFDM
Encryption Over Radio	256 Bit
Encryption Over Transport Stream	256 Bit
Node	60 Nodes
Telemetry Data (Optional)	
Video	
Encoder	Built-in H.264 Encoder
Video Format	PAL, NTSC
Video Compression	H.264
Streaming	UDP, TCP, RTSP
Audio Data (Optional)	
Networking	
DHCP Server/Client	Supported
Interface	Ethernet, RS232
Ethernet	10/100 Base-T
USB Support	USB
Power	
DC Input	9VDC to 18VDC Reverse Polarity Protected
Environmental	
Temperature	-20°C to 60°C
Humidity	Less than 85% non-condensing
Sealing	Designed For IP67

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Rugged Computers, Ethernet Switches, Customized System Integration & Test Jig Modules

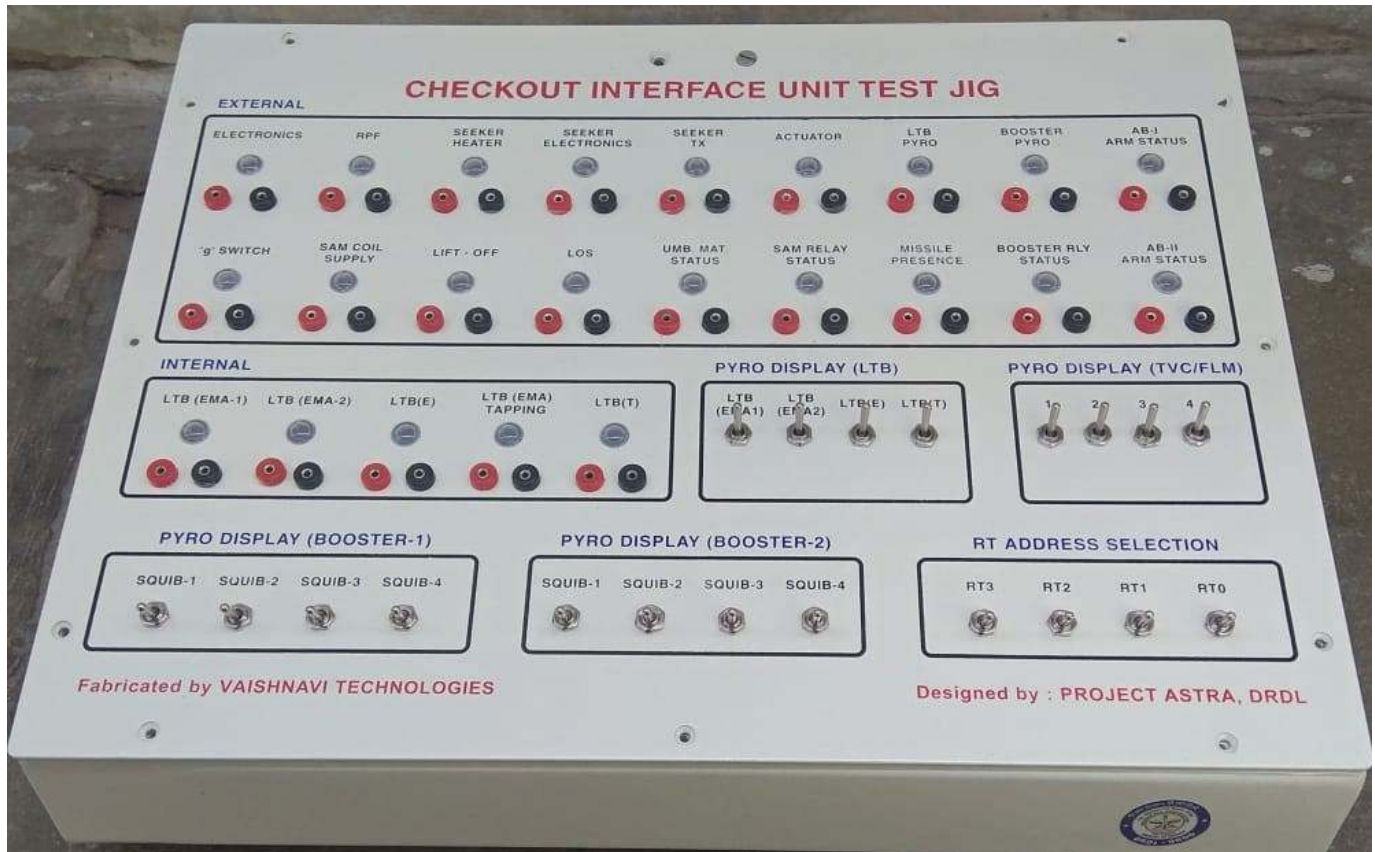


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