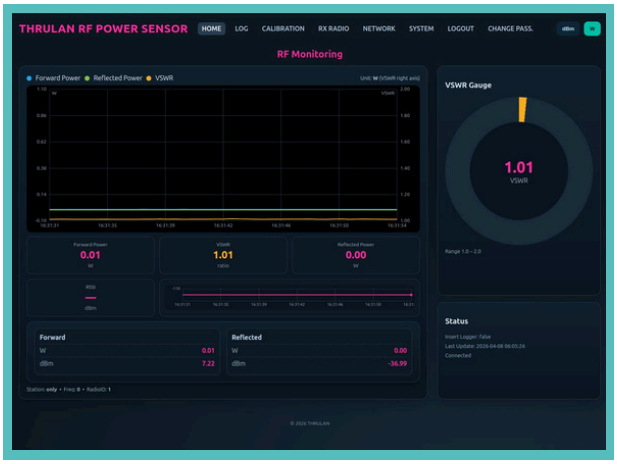
DATA SHEET

THRULAN

www.ifz.co.th





Key features

Remote IP Surveillance:

Enables comprehensive RF power monitoring over standard IP networks.

Precision Measurement:

Utilizes a logarithmic amplifier detector for high-accuracy signal analysis.

Intuitive Web Interface:

Features a user-friendly Web GUI for seamless remote operation.

Integrated Visual Display:

Built-in high-contrast OLED display for vivid and clear local readings.

Directional Analysis:

Advanced In-Line RF directional measurement system for precise path monitoring.

Fail-Safe RF Sensing:

Mechanical thru-line sensing ensures completely uninterrupted RF operation.

Simplified Connectivity:

Power over Ethernet (PoE) support to minimize cabling and infrastructure.

High-Capacity Logging:

Integrated large-scale data logger for extensive historical record keeping.

Versatile Data Portability:

Fully exportable logging data for advanced analysis and reporting.

Industrial-Grade OS:

Driven by an ultra-low power Linux-based system for maximum reliability.

IFZ co.,Ltd
36/59 RK Biz Center Motorway Rd. Khlongsongtonnun Latkrabang Bangkok Thailand 10520
02-1717857

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Specification

Frequency Range	50 - 500 MHz
Impedance	50 Ohm
Insertion Loss	< 0.15 dB
Return Loss	> 24 dB
RF Directivity	> 25 dB
RF Dynamic Range	> 40 dB
RF Power Input	500W CW
RF Detector	Logarithm
Measurement Display	Forward,Reverse,VSWR
Measurement Unit	dBm,Watt
Measurement Accuracy	+/- 5 % of reading
Calibration Database	Pre-load EEprom
Calibration Cycle	Life time
RF Connector	N-Type Male & Female
Measurement Logging Capacity	20 GB
Logging Database Type	MySQL
Data Storage Type	uSD card
RF Housing	Aluminium T6061
Hardware Platform	i.MX8 Quad-Core A53
Operating Systems	Linux
User Interface	Web & OLED
Communication Protocol	TCP,SNMP,WebSocket,HTTP
Local Display	RGB OLED 0.95"
Network Connectivity	Gigabit Ethernet
Communication Interface	RJ45 10/100/1000BASE-T
Operation Temperature	0 - 60 C
Consumption Power	5 Watt
DC Power	19 - 60 V
Power Over Ethernet	48VDC
Dimension	12 × 13 × 2.5 cm

Innovation for the future

contact@ifz.co.th

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