

Solution

- E1, STM1, and IP network support
- Compact footprint
- Real-time processing
- One solution for multiple applications

Probing Interfaces Types



V-Analyzer



V-Probe STM1



V-Data-Probe

Key Benefits

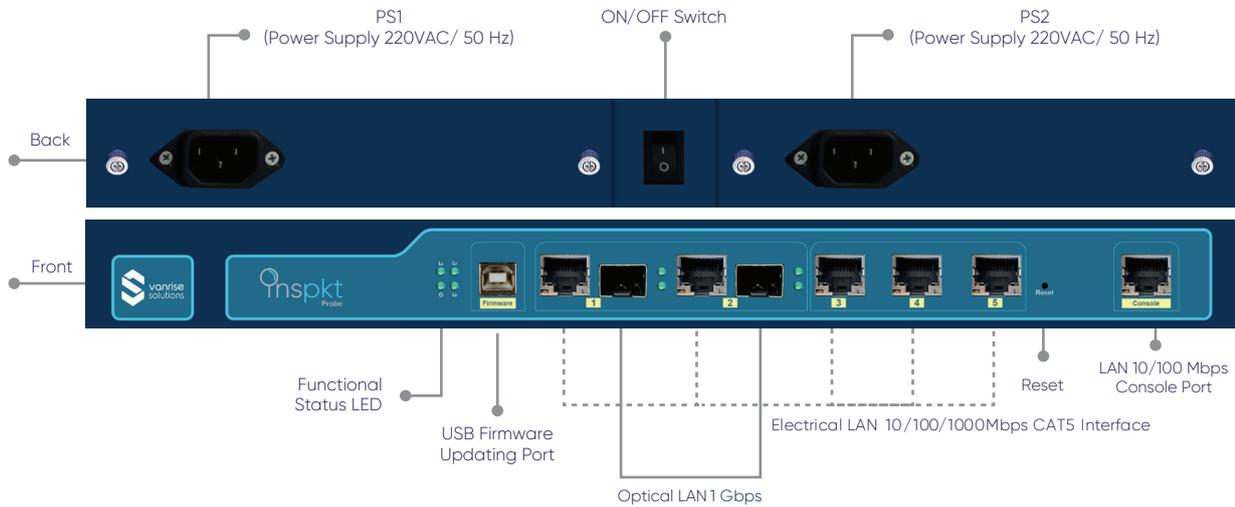
- Captures voice/SMS/data messages in real-time
- Extracts QoS counters for better visibility on the core network status
- Supports signaling and media content splitting
- Provides ready-to-use and dynamic xDR outputs
- Supports File, SQL and Big Data storage types
- Provides unified IP output for all interfaces
- Provides the means to recognize, diagnose and identify low performing and faulty network elements

Solution Applications

- Network Performance Monitoring and Optimization
- Protocol Analysis
- Revenue Assurance
- CDR Analysis
- Fraud Detection

V-Analyzer

The V-Analyzer is an IP probe and an Ethernet aggregation tool designed to capture packets for data storing and analysis. It supports packet aggregation, breakout, regeneration, and passive tapping modes.

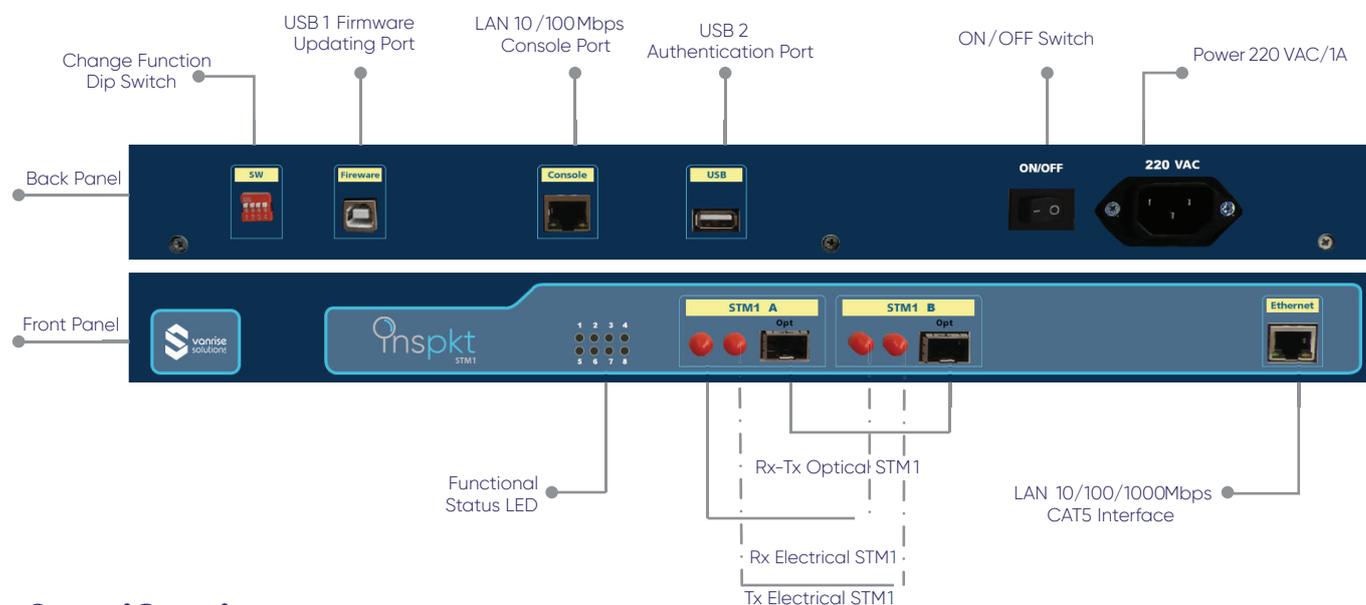


Specifications

Standard Features	
Input Ports	2 Electrical / 2 Optical
Ethernet Output Port	3X 10/100/1000 Mbps
CPU Type	FPGA
System Memory	256 Kbit EEPROM
Management/Console Port	Web UI
Power Supply	Dual AC Power Supply
Nominal Power Consumption	75 W
Maximum Power Consumption	90 W
Input Voltage	220 VAC
Storage Temperature	0 to 70 °C
Ambient Temperature	0 to 45 °C
Frequency	50 to 60 Hz
Mount Type	1U x 19"
Acoustics	0 dBA / Fanless
MTBF	10 Years Minimum
Weight	2.8 Kg
Maximum Allowable Humidity	80%
Firmware Upgrade	USB by windows application

V-Probe STM1

The V-Probe STM1 is an STM1 probing device designed to tap packets flowing over an STM1 connection, forwarding captured packets via an Ethernet port to the packet aggregator device, the V-Analyzer.

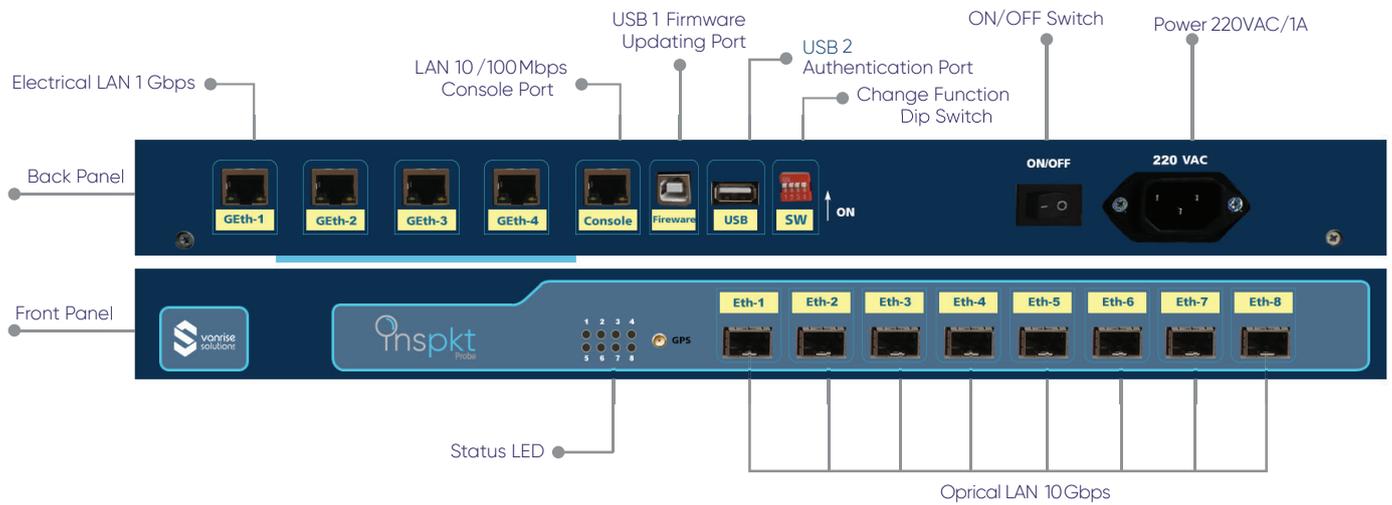


Specifications

Standard Features	
Input Ports	1 STM1 Pair
Ethernet Output Port	10/100/1000 Mbps
CPU Type	FPGA
System Memory	256 Kbit EEPROM
Management Port	1 (LAN)
USB Port	2
Authorization Port	Specific Secure USB Dongle
Power Supply	1
Nominal Power Consumption	70 W
Maximum Power Consumption	80 W
Input Voltage	220 VAC
Storage Temperature	0 to 70 °C
Ambient Temperature	0 to 45 °C
Frequency	50 to 60 Hz
Mount Type	1U Rackmount
Physical Dimensions (H x W x D)	482 x 190 x 44 mm
Acoustics	0 dBA / Fanless
MTBF	10 Years Minimum
Weight	1.46 Kg
Maximum Allowable Humidity	80%

V-Data-Probe (SDH/10G)

The V-Data-Probe (10G – STM64) is SDH/10G probe, Ethernet aggregation and monitoring device designed to capture packets for data storing and analysis. It supports network tapping, mirroring, link analysis and data under VC4 or different IP protocols.



Specifications

Standard Features	
Input Ports	2 Optical 10G (optional)
Ethernet Output Port	6 Optical 10G (optional) + 4 Electrical 1G
CPU Type	FPGA
System Memory	256 Kbit EEPROM
Management Port	1 (LAN)
USB Port	2 (Firmware Update and Dongle)
Authorization Port	Specific Secure USB Dongle
Power Supply	1
GPS	Embedded GPS receiver
Power Consumption	75 W Nominal / 100W Maximum
Input Voltage	220 VAC
Storage Temperature	0 to 70 °C
Ambient Temperature	0 to 45 °C
Frequency	50 to 60 Hz
Mount Type	1U Rackmount
Physical Dimensions (H x W x D)	482 x 190 x 44 mm
Acoustics	Supper Silent
MTBF	10 Years Minimum
Weight	1.46 Kg
Maximum Allowable Humidity	80%