

IVR-10G

Test Module



IVR-10G transport test module is one of IVR's modular designed test products. IVR-10G can be configured on IVR-6200 test platform to achieve complete test functionalities, and offer comprehensive test solutions for metro network. It is designed to test from 1.5M to 10G full rate PDH, SDH, OTN, and IP RAN/PTN network. IVR-10G is a high cost-effective solution specialized for mobile backhaul network performance measurement.

Product images are for illustrative purposes only and may differ from the actual product.

- All-in-one test instruments support with OTN, SDH, SONET, PDH, DSn, MPLS-TP and Ethernet
- Ethernet testing up to 10Gbps including RFC2544, RFC3393, and Y.1564
- MPLS-TP up to 10Gbps
- Intuitive user interface, and fast configuration of signal paths

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Main Features **IVR-10G Ethernet/OTN test module**

Ethernet:

- 10/100/1000M Base-T, 100M-FX, 1000M Base-X, 10G Base-X interfaces
- Generate up to 16 traffic flows with different MAC address, VLAN tags, MPLS, IP address, TCP/UDP, payload and bandwidth
- MPLS-TP test up to 10G
- Throughput, latency, frame loss, and back-to-back measurements per RFC2544
- Network configuration test and performance test per standard ITU-T Y.1564
- Service disruption test

OTN:

- Complies ITU-T G.709, and G.sup43
- OTU1, OTU2, OTU1e, and OTU2e interfaces
- Synchronous/asynchronous mapping of SDH/SONET signals
- OTU, ODU, OPU error injection and alarm generation
- OTU, ODU, OPU bytes control and decode
- APS Time measurement

SDH/SONET:

- STM-1/STM-4/STM-16/STM-64, and OC-3/OC-12/OC-48/OC-192 interfaces
- Mapping/de-mapping of payloads from VC4-64c/STS-192c down to VC11/VC12, and VC1.5/VT2
- SDH/SONET overhead control and decode
- Pointer monitoring and adjustment, G.783 pointer test sequences generation
- APS time measurement

PDH/DSn:

- DS1/DS3, E1/E3/E4 interfaces
- APS time measurement
- Error performance analysis per ITU-T G.821, G.826, and M.2100

Front Panel View IVR-10G Ethernet/OTN test module



IVR-10G Description and Specifications

Environmental Guidelines	Temperature Range	Humidity Range
Operational	-10°C ~ 50°C	0% ~ 95% (non-condensing)
Storage	-40°C ~ 70°C	0% ~ 95% (non-condensing)
Specification	Description	
Power consumption	< 24W	
Dimension	Dimension (H×W×D) = 25mm x 97mm x 259mm;	
Weight	< 0.4kg	

● *InterVRE reserves the right to alter and amend the design, characteristics and specifications without notice or obligation.*

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