Gigabit 6*RJ45 Port Network Traffic Replicator RD-TAP-6RJ

With the advancement of network security technologies and the growing emphasis on security among users, the number of network-deployed security devices and network traffic analysis devices has been on the rise. Deploying two or more passive monitoring devices simultaneously will not only increase the performance overhead of core switches, but also add to the configuration workload of network administrators.**RD-TAP-6RJ** supports INLINE or SPAN deployment on a single link, enabling complete wire-speed replication of traffic to three or four monitoring ports. Serving as a front-end device for traffic analysis applications including situation awareness, traffic playback, service performance management and intrusion detection, it is suitable for industries such as petrochemicals, power grids, rail transit and intelligent manufacturing.

Product Features

◆ Supports 6×10/100/1000BASE-T ports, with wire-speed input and output for all ports.
◆ Supports Ethernet encapsulation independence, enabling complete replication of all packets including erroneous ones.
◆ Supports 1*INLINE Deployment with power failure protection, providing 1*Replicated traffic output per channel plus 1*Aggregated traffic output.
◆ Equipped with DIP Switches for INLINE/SPAN mode switching; zero-configuration for easy operation.
◆ 19-inch rack-mountable.

Product Parameters

Model	RD-TAP-6RJ-A	RD-TAP-6RJ-B

Service Interface	6*GE/FE	
Throughput	6G，All interfaces support wire-speed transmission and reception	
Management Interface	Management-free and easy to maintain	
Work Mode	SPAN Mode	INLINE Mode
	Mode 1： Ports GE0 and GE1 serve as input sources, replicating traffic to Ports GE2~GE5. Incoming traffic on Ports GE2~GE5 is not transmitted back. **Mode 2：** Ports GE0 and GE1 serve as input sources: GE0 replicates traffic to Ports GE2~GE3, and GE1 replicates traffic to Ports GE4~GE5. Incoming traffic on Ports GE2~GE5 is not transmitted back.	**Mode 3：** Ports GE0 and GE1 function as inline ports for bidirectional traffic transmission.Ports GE0 and GE1 serve as input sources, replicating traffic to Ports GE2~GE5.Incoming traffic on Ports GE2~GE5 is not transmitted back. **Translink Function：** The link status of Port GE0 and Port GE1 is mutually synchronized. **BYPASS Function：** Ports GE0 and GE1 support power failure bypass.
Forwarding Latency	2us	
Heat Dissipation Method	Passive Chassis Cooling	

Weight	<1KG
Size	275(L)x180(D)x45(H)mm
Environmental Requirements	Operating Temperature：0℃ to 50℃, Storage Temperature：-10℃ to 60℃, Humidity：10%~90% (Non-condensing)
Power Supply	220V AC
Power Consumption	<10W

Application Mode