

IAT-1710E Integrated Access Tester

Configuration Instruction	Low Configure 1	Not provide E1 and V interface test functions, Ethernet partial function complete that can replace traditional Ethernet test of single port.
	Low Configure 2	Provide complete E1 and V interface test function, Ethernet partial functions include high-speed PING,reflect functions and so on.
	High Configure	Provide complete E1 and V interface test function, Ethernet partial function is also complete.
	Full Configure	Full functions included

IAT-1710E Function Configuration

Function Type	Part Number	Function Name	Introduction	ETH	E1V	GH	GF
				Low Configure 1	Low Configure 2	High Configure	Full Configure
Test Interface	FIE01	10/100/1000BASE-T RJ45*1	RJ45 interface, auto- negotiate and self-	✓	✓	✓	✓
	FIF01	10/100/1000BASE-X SFP*1	SFP interface, auto- negotiate	✓	✓	✓	✓
General Function	FGF01	Data Manager	Copy,delete test data (test parameter, test	✓	✓	✓	✓
	FGF03	Screenshot	Sreenshot into a PDF file	✓	✓	✓	✓
Link and Type	FLT01	VLAN	Layer 2 VLAN nested	✓	☐	✓	✓
	FLT02	MPLS	Layer 3 MPLS nested	✓	☐	✓	✓
Network Performance	FNP01	RFC2544	Include throughput, latency, Packet loss rate, back to back test	✓	☐	✓	✓
	FNP02	Traffic Test	Include traffice, error, IPDV,SDT test	✓	✓	✓	✓
	FNP03	Multi-Stream(8)	8 traffic	✓	☐	✓	✓
	FNP04	Loopback	L1-L4	✓	✓	✓	✓
	FNP05	Cooperation	RFC 2544 compatable test	✓	✓	✓	✓
	FNP06	High Speed Ping	Setup PING rate, upto 1000M	✓	✓	✓	✓
	FNP07	Download Speed	High speed multithread FTP, HTTP download. Test upto 1000M	✓	☐	✓	✓
Network Tools	FNP09	Server Performance	Test the server's response time of application layer	☐	☐	☐	✓
	FNT01	Ping	Standard PING test verify web connectivity	✓	✓	✓	✓
	FNT02	Traceroute	Display each router that data packets get at the target	✓	✓	✓	✓
	FNT04	Web Browser	Web page view	✓	☐	✓	✓
	FNT05	PPPoE	PPPoE dial connection, PING and traffice test functions	☐	☐	☐	✓
Network Analysis	FNT08	ARP Scan	Scan IP & MAC address of the equipment in the network through ARP broadcast	✓	☐	✓	✓
	FNA01	Netscan	Scan and identify network equipment	✓	☐	✓	✓
Wire and Port	FWP01	Wire Length	Test length of twisted pair	✓	☐	✓	✓
	FWP02	Wire Order	Test if twisted pair is cross or parallel lines	✓	☐	✓	✓
	FWP03	Port Blind	Identify cable connect to which port of the	✓	☐	✓	✓
	FWP04	Wire Tracer	Find cable by tone tracer	✓	☐	✓	✓
	FWP06	POE	POE indicate, voltage, current, need to add hardware to test	☐	☐	☐	✓
E1 Test	FE101	BERT Analysis	E1 error and alarm test	☐	✓	✓	✓
	FE102	Loopback Latency	Accuracy upto us	☐	✓	✓	✓
	FE103	Switch Time	Switch time required from main channel to backup channel	☐	✓	✓	✓
	FE104	Ping	Direct PING router, support PPP/HDLC/FR protocal	☐	✓	✓	✓
V.xx Test	FVT01	BERT Analysis	V interface error and alarm test	☐	✓	✓	✓
	FVT02	Loopback Latency	Accuracy upto us	☐	✓	✓	✓
	FVT03	Switch Time	Switch time required from main channel to backup channel	☐	✓	✓	✓
	FVT04	Ping	Connect PING route, support PPP/HDLC/FR protocal	☐	✓	✓	✓

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