

Application Guide



		TCG 01-G	TCG 02-G	NTS 02-G	NTS 03-G+	TTM 01-G
Ethernet Time Protocols	NTP (v1, v2, v3, v4)	✓	✓	✓	✓	✓
	SNTP	✓	✓	✓	✓	✓
	NTP Multicast Server	✓	✓	✓	✓	✓
	NTP Broadcast Server	✓	✓	✓	✓	✓
	NTP Performance, Requests/second *	7500	15000**	22500	45000	7500
	IEEE 1588v2 PTP Grandmaster support	✓	✓	✓	✓	✓
Time Reference	GPS & GLONASS	✓	✓	✓	✓	✓
	IEEE 1588v2 PTP Slave	✓	✓	✓	✓	✓
	IRIG-B Input	✓	✓	✓	✓	✓
	Reference Priority, User Configurable	✓	✓	✓	✓	✓
Network Protocols	SNMP v1, v2c, v3, Custom MIB	✓	✓	✓	✓	✓
	DHCP or Static	✓	✓	✓	✓	✓
	IPv4	✓	✓	✓	✓	✓
	MD5 for NTP	✓	✓	✓	✓	✓
	Secure remote Access	✓	✓	✓	✓	✓
	VLAN Tagging	✓	✓	✓	✓	✓
	Total number of Ethernet Ports	1	2	3	6	1
User Interface	LEDs: Sync, Network, Alarm	✓	✓	✓	✓	✓
	USB	X	X	✓	✓	X
	Alarm Relays	✓	✓	✓	✓	✓
Oscillator Options	TCXO	✓	✓	✓	✓	✓
	OCXO	X	✓	X	X	X
	Rubidium	X	✓	X	X	X
Timing Outputs	Timing Accuracy	100ns	100ns	100ns	100ns	100ns
	Programmable Pulse Output (1PPS, 1PPM, 1per10)	✓	✓	✓	✓	✓
	Frequency Output (1.544, 2.048, 10MHz)	X	✓	X	X	X
	T1/E1/J1 Output	✓	✓	X	X	X
	AM IRIG-B Output	✓	✓	X	X	✓
	IRIG-B Fiber Output	✓	✓	X	X	✓
	Serial Time Strings & NMEA Support	✓	✓	X	X	✓
	DCLS IRIG-B Output	✓	✓	✓	✓	✓
Misc.	Display	✓	✓	✓	✓	X
	Mounting	19" 1U	19" 1U	19" 1U	19" 1U	DIN Rail
	Optional Redundant Power Supply	X	✓	X	✓	X
	Remote Firmware Upgrade	✓	✓	✓	✓	✓
	Warranty	10 Years	10 Years	10 Years	10 Years	10 Years

* 7500 Requests per Ethernet Port

** TCG 02-G Exp 2 Contains two Ethernet ports

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