APPLICATIONS & FEATURES GUIDE

Find your right fit...

		Entry Class	Enterprise Class		Automation		Mission Critical	
	Features	NTS100*	NTS 02-E	NTS 03-E	TSC100	TTM 01-G	TCG 01-G	TCG 02-G
Ethernet Time Protocols	NTP Server (v1, v2, v3, v4)	✓	✓	✓	✓	✓	✓	✓
	SNTP	✓	✓	✓	✓	✓	✓	✓
	NTP Multicast Server	✓	✓	✓	✓	✓	✓	✓
	NTP Broadcast Server	✓	✓	✓	✓	✓	✓	✓
	NTP Performance, Requests/Second**	7500	22500	45000	7500	7500	7500	15000***
	IEEE 1588v2 PTP Grandmaster (Power, Default) Support	✓	✓	✓	✓	✓	✓	✓
Time References	GPS (14 Channel)	✓	✓	✓	✓	---	---	---
	GPS & GLONASS (32 Channel)	---	---	---	---	✓	✓	✓
	IEEE 1588v2 PTP Slave (Telecoms, Power, Default)	✓	✓	✓	✓	✓	✓	✓
	IRIG-B Input	---	✓	✓	---	---	✓	✓
	Reference Priority, User-Configurable	✓	✓	✓	✓	✓	✓	✓
Network Security Protocols	SNMP v1, v2c, v3, Custom MIB	✓	✓	✓	✓	✓	✓	✓
	DHCP or Static	✓	✓	✓	✓	✓	✓	✓
	IPv4	✓	✓	✓	✓	✓	✓	✓
	MD5 for NTP	✓	✓	✓	✓	✓	✓	✓
	Secure Remote Access	✓	✓	✓	✓	✓	✓	✓
	NTPv4 Autokey	✓	✓	✓	✓	✓	✓	✓
	VLAN Tagging	✓	✓	✓	✓	✓	✓	✓
	Total Number of Ethernet Ports	1	3	6	1	1	1	2***
User Interface	LEDs: Sync, Network, Alarm	✓	✓	✓	✓	✓	✓	✓
	USB	✓	✓	✓	✓	---	---	---
	Alarm Relays	✓	✓	✓	✓	✓	✓	✓
Osc.	TCXO	✓	✓	✓	✓	✓	✓	✓
	OCXO	---	---	✓	---	---	---	✓
	Rubidium	---	---	✓	---	---	---	✓
Timing Outputs	Timing Accuracy	100 ns	100 ns	100 ns	100 ns	100 ns	100 ns	100 ns
	Programmable Pulse Output (1PPS, 1 PPM, 1 per 10 ...)	---	✓	✓	✓	✓	✓	✓
	Frequency Output(1.544, 2.048, 10 MHz)	---	---	---	---	---	---	✓
	T1/E1/J1 Output	---	---	---	---	---	---	✓
	AM IRIG-B Output	---	---	---	---	✓	✓	✓
	IRIG-B Fiber Output	---	---	---	---	✓	✓	✓
	Serial Time Strings & NMEA Support	---	---	---	---	✓	✓	✓
	DCLS IRIG-B Output	---	✓	✓	✓	✓	✓	✓
Misc.	Display	---	✓	✓	---	---	✓	✓
	Mounting	DIN Rail	19" 1U	19" 1U	DIN Rail	DIN Rail	19" 1U	19" 1U
	Optional Redundant Power Supply	---	---	✓	---	---	---	✓
	Remote Firmware Upgrade	✓	✓	✓	✓	✓	✓	✓
	Warranty	10 Years	10 Years	10 Years	10 Years	10 Years	10 Years	10 Years

*COMING SOON!
**7500 Response per Ethernet port
***TCG 02-G Exp 2 contains two Ethernet ports

AFG-v1-102015

www.tekron.com

© 2015 by Tekron International Limited. All Rights Reserved. All trademarks are the property of their respective holders. The information in this document is provided for informational use only and is subject to change. For further information or support, go to www.tekron.com.