

Kilichain

Standard 4U, 19 inch

Support GPS, BDS, IRIG-B input, input priority setting/manual switch

Mutiple output type and interfaces

Support master-backup, master-slave configuration

Pass inspection of the Electric Power Research Institute



KTP3000

Specifications

GNSS And Antenna	
Receiving Sensitivity	Receiving Sensitivity
Capture Time	Hot Start:1s; Cold Start:30s
Receiving Accuracy	≤20ns(1PPS,relate to UTC)
Antenna Sensitivity	≤-163dBm
Time Outputs	
Pulse Signal Width	10~200ms
Pulse Signal Time Edge	TTL: Rising edge ≤10ns
	RS422, RS485: Rising edge ≤10ns
	Fiber: Rising edge ≤100ns
	Idle Contact: Rising edge ≤1us
Pulse Signal Accuracy	TTL: ≤200ns
	RS422, RS485: ≤200ns
	Fiber: ≤200ns
	Idle Contact: ≤1us
IRIG-B(DC)Accuracy	≤200ns
IRIG-B(AC)Accuracy	≤15us
Serial Telegram	≤1ms
Time Service Accuracy, NTP,SNTP	≤1ms
Time Service Accuracy, PTP	≤1us
Time Keeping Ability	≤0.8us/h(24h)

Communications	
Network Protocols	TCP, UDP
	Telnet, FTP, SSH (incl SFTP, SCP)
	HTTPS, HTTP, SYSLOG, SNMP
	IPv4, IPv6, IPv4 DHCP, IPv6 DHCP
Config Interface	RJ45, RS232/USB
Time Protocol	RFC 868
Daytime Protocol	RFC 867
HTTP	HTTP/HTTPS (RC 2616)
NTP	NTP v2, v3, v4
	SNTP v3, v4
	MD5 authentication and Autokey
	Key Management
Network Interface	10/100/1000 Mbps with RJ45
	1Gbps with SFP
SSH	SSH v1.3, v1.5, v2
Telnet	RFC 854 - RFC 861
SNMP	SNMP v1, v2c, v3
Electricals	
Consumption	≤40W
Power Supply	Standard 1+1, 220VDC
Physicals	
Dimension(HxWxD)	132x443x322mm (4U)
Weight	≤5kg
Working Temperature	-10~60℃
Humidity	0-95%(No-condensing)

