



Comprehensive & Precision Timing Solution Expert



CT- Optional Module cards

Super flexible, scalable and reliable modules

DATASHEET

Applicable to :

[CT-TSS2000 / CT-TSS2000C Time Synchronization System](#)

[CT-TSS3000 Grandmaster /](#)

[CT-WTFS9000 Grandmaster/](#)









[CT-KZ001 Time Code Distributor](#)









[CT-TMU001A Time Monitor](#)











Optional Module Cards

The Time Synchronization System series products use the modular design on time signals output units. The modular design offers flexible and expandable output signals portfolio thus can effectively feed a wide range of devices and networks with less cost on precise timing solution.

<i>Output Module</i>	AM IRIG-B	Serial Output	Dead Contact	Differential
Time Code Supported	-	DL/T1100.1-2009 Standard Supported	1PPS、1PPM、1PPH、IRIG-B	1PPS、1PPM、1PPH、DCLS IRIG-B
No./ Card	8	8	8	8
Timing Accuracy	<20 μs	<300 μs	<2 μs	<200ns
Picture				
Others	 Best Transmission Distance <1000m	 (RS232)Best Transmission Distance <15m (RS485)Best Transmission Distance <50m	 Best Transmission Distance <100m	 Best Transmission Distance <200m

<i>Output Module</i>	PTP	TTL	NTP	Optical output
Time Code Supported	PTP	1PPS、1PPM、1PPH、DCLS IRIG-B	NTP	1PPS、1PPM、Serial string、DCLS IRIG-B
No. / Card	2	8	2	8
Timing Accuracy	<500ns	<200ns	<100μs	<200ns
Picture				
Others	 Best Transmission Distance <100m	 Best Transmission Distance <10m	 Best Transmission Distance <100m	 Best Transmission Distance <1000m

<i>Functional Module</i>	Power	Receiver	Controller	Work Frequency Sampling
Function	Supplying power for the normal operation, seamless switchover between dual power supplies.	Receiving and referencing the standard satellite signal	Producing local time signal, receiving ground referencing time signal and controlling the whole system	Measuring the work frequency by highly precise timing graduation and power measurement
No. of Objects Connected	2	2	4	1
Sync Accuracy	-	100ns	IRIG-B (DC) : <200ns、PTP:<500ns	-
Picture				
Others	 DC: 220V ±20% , AC: 220V, Dual power supply	 Best Transmission Distance 50-120m	 Left: Best Transmission Distance: <1000m Right: Best Transmission Distance: <100m	 AC220V/AC110V



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