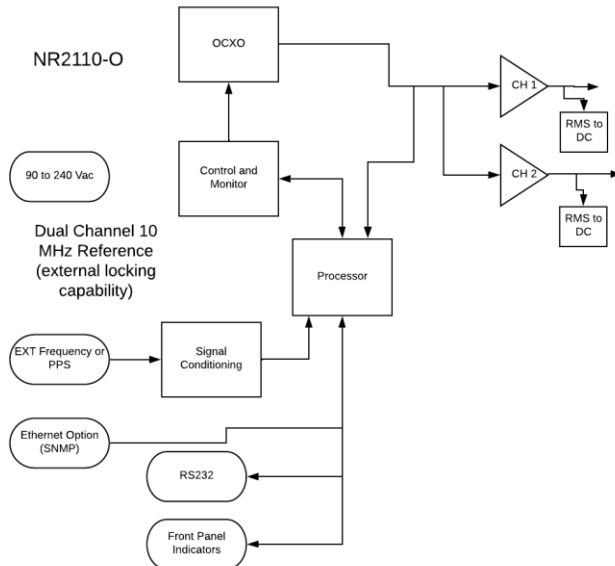


Company Datasheet #	NR2110D-O
Revision #:	A
Date:	020724

NR2110D-O

10MHz Dual Channel Reference with Networking Capability



Networking

SNMP (option)

Phase Noise

Offset Frequency (Hz)	Typical (dBc / Hz)
10	-125
100	-148
1K	-150
10k	-152

All channels are monitored for a fault condition and built in test monitors critical circuits which drives panel indicators as well as alarm relay that can be wired into an alarm panel. Dual time base option independently monitors frequency.

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Technical Specifications
Environmental and Mechanical

10MHz Sine	2- 1.0 Vrms, 50 ohm- BNC-
Harmonics	Less than -30dB
First Year Frequency Stability	± 50 ppb (unlocked)
Temp Stability	±10 ppb (unlocked)
Daily Aging OCXO	±5 ppb/day (unlocked)
Yearly aging	±30ppb (unlocked)
External Locking	External frequency or PPS- contact factory
Remote interface & control	
Protocol	RS232 NMEA-0183
Connector	DB-9
Location	Rear panel
Protocol	Bit plus stop
Standard Baud Rates	Selectable 4800, 9600, 19200, 38400, 57600 or 115200 bps
Connectivity	Ethernet: 10/100M RJ-45
SNMP	v2
Alert	Status indicator and relay contacts via rear panel BNC
Power Requirements	90 to 264 VAC, 50/60hz
Operating temperature	0 to 50C non-condensing
Storage temperature	-40 to 70C
Height	1RU (~1.73)
Width	19 inch
Depth	12 inch
AC input	90 to 250 VAC, 50/60hz, less than 10 watts
Weight	≈5.5lbs

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