

3210 Series Serial Transmitter

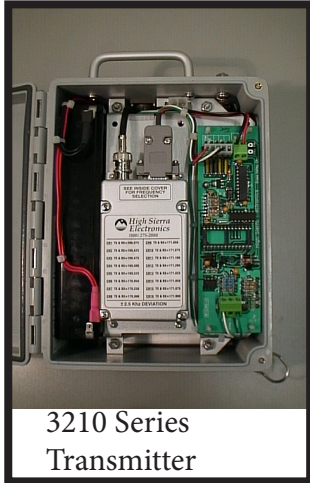
- Reliable, Simple Interface for ALERT Transmissions
- Low Cost Addition to Other Manufacturer's Data Loggers
- Compatible with All Existing ALERT Networks



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3210 Series
Transmitter

DESCRIPTION:

3210 Series Serial Transmitters receive either Synchronous or Asynchronous serial output data from a data logger or data acquisition unit and converts this data to an ALERT format for radio frequency transmission. The Serial Transmitter is dependant upon the host RTU for the serial inputs needed to initiate a transmission. The Serial Transmitters are compatible with all existing ALERT Networks.

The 3210 Series output power is 5 watt however the 3212 is pre-wired for an optional 25 watt power amplifier, for sites that require more transmission power. If a power amplifier is needed, it must have its own power source.

SPECIFICATIONS:

Sensor Inputs	None. Data is transferred serially into the 3210
Data Format	ALERT Binary Standard
Radio Frequencies	VHF (148 to 174 MHz)
Output Power	5 Watt
RF Warmup Time	Jumper selectable to 180, 250, 320 or 390 milliseconds.
Collision Avoidance	Yes, wait until clear. Jumper enabled.
Holdoff Modes	All transmissions have 20 second holdoff time. Disable after 5 seconds of on time. Disabled if battery drops below 10.5 VDC.
Power	12 VDC @ 150 μ A
Battery	12 VDC
Enclosure	NEMA weather resistant
Mounting Holes	6.6 x 6.5 in (16.7 x 16.5 cm)
Asynchronous Input Connector	Male DB9
Synchronous Input Connector	Tinned leads
Antenna Connector	BNC female
Charging Connector	3 pin MS
Operating Temperature	-40° to 122° F (-40° to 50° C)
Dimensions	7 x 8.5 x 4.5 in (17.8 x 21.6 x 11.4 cm)
Weight	9 lbs (4.1 kg)
Shipping Weight	11 lbs (5 kg)

ORDERING GUIDE:

Model 3210-03	ALERT Data Transmitter; Includes: Maxon VHF Transceiver, 2.3 Amp Battery, and NEMA Enclosure. Asynchronous
Model 3210-04	ALERT Data Transmitter; Includes: Maxon VHF Transceiver, 2.3 Amp Battery, and NEMA Enclosure. Synchronous

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Environmental Monitoring Solutions

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