



NH2000X

900 MHz Humidity Transmitter

This 900 MHz SensoScientific transmitter contains a humidity sensor. All SensoScientific 900 MHz transmitters operate in a 900 MHz frequency-hopping spread spectrum and reach up to 750 feet (230 meters) open field range, interior range up to 500 feet. The battery powered, 900 MHz system is capable of collecting, storing and transmitting data wirelessly.

SensoScientific firmware works with different wireless communications systems. The system is built to mix and match both 900 MHz and Wi-Fi 802.11 g/b battery operated sensors. In locations without wireless infrastructure, SensoScientific firmware provides complete, cost-effective solutions that integrate easily or in a stand alone solution. The SensoScientific FCC approved 900 MHz frequency system is designed to be used wherever Wi-Fi does not exist within a facility. Typically, there are some areas in every facility without wireless access-point coverage.

NH2000X Product Specifications

Temperature Accuracy	+/- 0.7°F
Installation	Comes with a tray that allows the node to slide in and out for easy access
Dimensions	5.25" x 2.75" x .875" (13.335 cm x 6.985 cm x 2.23 cm)
Operating Range	-4°F to 140°F, up to 95% relative humidity (non-condensing)
Weight	3.0 oz (85 grams)
Battery	9V DC Alkaline battery with 1 year life on standard 20 minute sample rate
Distance	750 feet (230 meters) (open field range)
Relative Humidity	0 to 100% RH
Relative Humidity Accuracy	+/- 1.8% (0 to 1000% RH)
RF Specifications	U.S.: ISM 900 MHz, FHSS (902-928 MHz)
Certifications	RoHS Compliant, Calibrated NH2000X certificate available (ISO 17025:2005)