Extreme Sensor

Wireless, Supervised Sensor

- Constructed with a water-tight, internal gasket to keep sensor dry from the elements.
- Easy to install with screws, plastic zip-type straps, or both.
- Easy to "Learn" into 319.5 MHz UTC®/ Interlogix®, GE®, ITI, and Qolsys wireless control panels and 345 MHz Honeywell® and 2GIG® control panels.
- Compact Sensor: 3.39" L x 1.34" W x 7/8"H
  Magnet: 3" L x 1" W x 7/8" H
  Max. Magnet Gap: 1.75"
- Extra thick, rugged plastic enclosure. Dark gray color.
- Signals: supervisory, tamper, and low battery.
- Dual tamper; sensor and case for added security.
- Effective with vertical or horizontal mount.
- Replaceable extra long-life Lithium batteries.
- Superior RF range and performance, even on steel surfaces.
- Wireless sensors and detectors built with MaxOut™ Technology for maximum Radio Frequency (RF) security sensor reliability. MaxOut high performance sensors deliver the maximum FCC allowable output for maximum signal strength and range.

The ***Extreme*** Sensor is a supervised, wireless sensor that detects the opening and closing of doors, window, gates, garage doors, etc. in extreme environment. **–32°F** (-35.6°C) **to 120°F** (49°C).

Developed and tested in Minnesota, US in extreme cold. Flawless RF transmission during one of the coldest weeks in Minnesota in 22 years, –32°F, with wind-chill temperatures to –60°F!

1/25/19—2/1/2019
Minneapolis, MN
Temperature, Fahrenheit

	Low	High
25-Jan-19	0	5
26-Jan-19	-4	11
27-Jan-19	-18	4
28-Jan-19	-5	11
29-Jan-19	-27	-4
30-Jan-19	-29	-17
31-Jan-19	-32	-3
1-Feb-19	-3	19

Sensor placed outdoors 6/1/2018
Photo - 1/31/2019 -32°F

A new, high–powered Microchip delivers exceptional range; 360° with no dead spots or signal drop-offs. The patented isolated antenna design is positioned above board—separated from batteries for superior RF performance and transmission efficiency. Reduced battery energy draw lengthens the battery life.

MaxOut™ Technology

Intrusion-Extreme Conditions

Wireless Sensors

Applications

- Fences
- Doors
- Windows
- Gates
- Porches
- Storage Areas
- Hot Tub Buildings
- Pool Areas and Buildings
- Unheated Enclosed Areas
- Garages and Garage Doors
- Barns, Sheds, and Out Buildings
- High Humidity / Wet Environments

Specifications

Model Number:	RF-CMDWS-OD-319-W (white)	319.5 MHz
	RF-CMDWS-OD-345-W (white)	345 MHz
RF Frequency:	319.5 MHz and 345 MHz	
Compatibility:	319.5 MHz UTC®, Interlogix®, GE®, ITI®, and Qolsys	
	345 MHz Honeywell® and 2GIG®	
Battery Type: (Requires 2)	CR 2032, 3-VDC Lithium Battery, Varta or Panasonic CR2	
Operating Temperature Range:	-32 to 120°F (-35° to 49°C)	
Storage Temperature Range:	-35 to 140°F (-35 to 60°C)	
Relative Humidity:	95% Non-Condensing	
Dimensions (L x W x H):	Sensor: 3.39” L x 1.34” W x .7” H	
	Magnet: 1”L x 7/8” W x .7” H	

Regulatory

This device complies with part 15 of the FCC Rules.
Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation.

FCC ID: 2ABBZ-CMDWS-OD-319 FCC ID: 2ABBZ-CMDWS-OD-345

IC: 11817A-CMDWSOD319 IC: 11817A-CMDWSOD345

Class B digital apparatus complies with Canadian ICES-003. Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.