

Introducing the

NeWave® Multi-Use Portal

Product Overview

Now there is one portal rugged enough for distribution centers but sleek and attractive enough for any business interior. The best of both worlds and yet very economical!



NeWave is pleased to introduce a new portal that utilizes its patented and unique Wave® antenna built into a portal frame designed by Smart Label Solutions. This combination provides a superior level of performance, ease of install, and aesthetics to RFID users. The NeWave Multi-Use Portal is constructed with extruded aluminum and sturdy coroplast covers and has two Wave antenna elements embedded in a composite structure into each Multi-Use portal.

These antennas are designed to cover all three tag orientations and they never need to be adjusted when bumped or come out of alignment. They simply deliver consistently superior read accuracy.

Key Features and Benefits of the NeWave® Multi-Use Portal

- These portals aren't prototypes. There are nearly 4,000 multi-use portals already installed.
- Installation is simple. Corner brackets are designed to fit in frame grooves and then anchored to the floor.



- Options to fit your individual requirements: Bollards, Door closed sensors, reader included, and Install are available.
- No need to order antennas for each portal, hoping you remembered the specific antenna part number. Two NeWave antennas are built into each portal. No installation adjustments to antennas (like patch antennas) or follow on maintenance .

The NeWave Multi-Use Portal offers :

- The Superior Accuracy and Performance of our Wave® antenna
- Excellent Versatility for Multiple RFID Applications
- Optimal Efficiency. These Portals are Plug and Play.



NeWave Sensor Solutions Innovation Center

9011 Heritage Drive
Plain City, Ohio 43064
888.677.7343
sales@newaverfid.com
www.newaverfid.com

Dr. Walter "Den" Burnside NeWave RFID Innovation Center

NeWave Sensor Solutions Canada
1-3480 Laird Road
Mississauga, Ontario, Canada L5L 5Y4
1-800-254-9026 Ext. 950
Canada-sales@newaverfid.com

Specifications



NeWave® Multi-Use Portal

Dimensions	98.5"x15"x4.5" . 60 inch height option is available.	
Weight per Portal	38 lbs.(Safety Yellow) 35 lbs.(Gray)	
Background color	Black is standard. Beige is an option	Frame color: Gray or Safety Yellow
Temperature range	-4F to 140F (-20C to 60C)	
Frequency range (North America)	902-928 MHz	ETSI 865-868 MHz is available
User defined zone coverage area	2' x 2' x 2' to 10' x 10' x 10'	
Gain	5.5 dBi	
Impedance	50 Ohms	
Polarization	Multi-linear	
Maximum input power	10Watts	
H-Plane beamwidth	360 degrees	
E-Plane beamwidth	360 degrees	
Connector	TNC reverse polarity	
Optional cables	As required	
Bollards	4'x42" available	

About NeWave®*Sensor Solutions,LLC:

NeWave® Sensor Solutions is a leading provider of optimized solutions for today's most challenging item-level Radio Frequency Identification (RFID) problems. The company develops industry-standard RFID technology based on the patented Wave® antenna that sets a new standard for accuracy, versatility and efficiency. The Wave is the first and only antenna specifically designed to be used for item-level RFID solutions. NeWave's core technology was developed by the world-class Electro Science Laboratory (ESL) of The Ohio State University, a pioneer in RF research and development, under the direction of NeWave's Chief Technical Officer(CTO) and is produced in partnership with Wistron NeWeb (WNC), the Taiwan-based global leader in antenna manufacturing. Wave's management team leverages a strong technical and international heritage in a variety of industries for accomplishing its mission of providing optimized solutions to today's greatest RFID challenges.

For more information, please visit us at www.newaverfid.com.

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