

## Product Overview

The Confidex Steelwave Micro is rapidly emerging as the industry leader for IT asset tracking applications. This is a small tag with exceptional performance; ideal for tracking blade servers, network equipment, or mobile IT assets such as laptops and other hand-held units.

The steelwave micro leverages a specially designed Confidex inlay wrapped around a plastic core and covered by a durable label. This tag features a low profile three dimensional antenna which provides superior performance on any material, including metal.

## Specifications

Dimensions - 0.5 X 1.5 X 0.13 inches (13 X 38 X 3 mm)

Communication Protocol – EPC Class 1 Generation 2 / ISO 18000-6C

Frequency Range – 860 MHz – 960 MHz

Integrated Circuit (IC) / Memory

- Impinj Monza – 96 bits

Materials – PC/ABS

Environmental Durability

- Temperature - -4F – 185F (-20C – 85C)
- Impact Resistance – Good
- Chemical Resistance – Not designed for harsh environments

Mounting / Attachment – Adhesive (included by default)

Performance (*using Motorola MC9090G hand-held unit in asset management scenario*)

- Read Range - 8 feet (2.5 meters) on-metal; 5 feet (1.5 meters) off-metal
- Orientation Sensitivity – linear; performs best at 90 degrees to hand-held linear antenna

Options

- Custom labeling (Barcode, Data Matrix, Human Readable) and encoding services available



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*Note: Tag performance and durability will vary based on RFID hardware configuration and other environmental conditions. Customers should evaluate tags for application suitability before committing to large order quantities.*

For More information on these and our ever increasing selection of standards based passive RFID tags contact:

RFID TagSource  
Waterfront Technology Center  
200 Federal Street, Suite 300  
Camden, NJ 08103  
866-915-RFID (7343) ext. 3  
customerservice@rfidtagsource.com  
www.RFIDTagSource.com