



Product Profile: *iBin*TM Sensor Series

Features

- *iBin* sensors continuously measure and communicate their inventory level from specific points in the supply chain.
- *iBin* sensors are available in standard 5", 8" and 12" sizes to accommodate a wide range of inventory items.
- Each *iBin* sensor determines its contents by weight. Item weight ranges for standard configurations are from 0.35 oz. (10 gm) to several pounds each.
- *iBin* sensors communicate via a wireless RF network assuring ease of installation and providing maximum flexibility.
- Our **SuppliLink** software allows for seamless communication of usage and reorder information within your organization and throughout the entire Supply Chain.
- Automatic alerts for specific conditions such as:
 - Item has reached its reorder point.
 - Supply item is at critical level.
 - Supply item level overstock.
 - Supplier or vendor notification.



5", 8" and 11" *iBin* Sensors with commonly used bins

Real-Time Inventory Measurement

iBin sensors provide highly accurate, real-time inventory control and enable highly efficient materials flow throughout the entire Supply Chain. *iBin* automatically counts and wirelessly communicates item quantities to the **SuppliLink** database. From there, quantity, status and reorder information can be viewed or emailed through **SuppliLink**, or viewed over the Internet using our *iVision* product.

Benefits

Visible Inventory's *iBin* product was developed to address the needs of manufacturers, distributors and healthcare organizations that require highly accurate, real-time control of their inventories and supplies. Companies incorporating point-of-use inventories, demand flow techniques, pull systems or Vendor Managed Inventory projects will benefit from an *iBin* solution.

The system facilitates efficient inventory replenishment and control by providing up-to-the-minute quantity and reorder information. No longer do companies need to wait for traditional systems to process and report on what occurred hours or days ago in their facilities. The Visible Inventory system completely removes this unnecessary time lag and provides the opportunity to react in real time to inventory demands

iBin Specifications

Standard Product Matrix

iBin Size	Model Number	Sensor Size (w x d x h)	Capacity	Minimum Accuracy
5"	iBin-510	5.85" x 11.5" x 1.5"	10 lb.	0.35 oz (10 gm)
8"	iBin-810	8.85" x 11.5" x 1.5"	10 lb.	0.35 oz (10 gm)
8"	iBin-830	8.85" x 11.5" x 1.5"	30 lb.	1.06 oz (30 gm)
12"	iBin-1210	12.85" x 11.5" x 1.5"	10 lb.	0.35 oz (10 gm)
12"	iBin-1230	12.85" x 11.5" x 1.5"	30 lb.	1.06 oz (30gm)
iBin sensor size is configurable to required customer configuration upon request.				

Technical Specifications

Maximum Number of iBins per System	Unlimited
Maximum iBin to Transceiver Distance	250 ft, typical manufacturing/office environment*
FCC Compliance	Certified for License Free Operation
Operating Frequency	900 MHz, 2.4 GHz ISM
Power Requirements	9 VDC (115 VAC Wall Power Supply Included)
* Wireless range depends on number of walls, wall material, and height	

iBin Sensors and SuppliLink Network Diagram

