

## Omni-ID® View Tags

Omni-ID's View Tags offer three sizes of electrophoretic display and are used to replace paper labels in cyclic processes, supply chain operations and dynamic barcode label tasks. Visual tagging adds an electronically re-writable surface to advanced RF tracking technologies. With its simple ruggedness, excellent cost and sonically welded case, Omni-ID View 2, 3 and 4 are ideal choices for durable, repetitive labeling in harsh environments.

### Building Intelligent Supply Chains

Omni-ID's View Tags are the perfect choice for these applications:

- ▶ Manufacturing: Work-in-process instructions and control
- ▶ Logistics: Cycling containers and Kanban
  - Sortation/Postal
  - Warehousing/Yard Management
  - Food supply chain
- ▶ Health Care: Equipment tracking and labeling

### Physical Specifications

V2, V3 & V4 Display      Electrophoretic screens, (Powered by Pervasive Displays Inc.)  
Full graphic, (black & white)  
120° viewing angle (in sunlight)

#### View 2 Specifications

Size (mm)                    107 × 60 × 19.4  
Viewable Area (mm)      50.80 diagonal dimension

Size (in)                     4.21 × 2.36 × 0.76  
Viewable Area (in)        2.0 diagonal dimension

Weight (g)                    42

#### View 3 Specifications

Size (mm)                    107 × 60 × 19.4  
Viewable Area (mm)      66.68 diagonal dimension

Size (in)                     4.21 × 2.36 × 0.76  
Viewable Area (in)        2.6 diagonal dimension

Weight (g)                    42

#### View 4 Specifications

Size (mm)                    139 × 94.60 × 19.4  
Viewable Area (mm)      110 diagonal dimension

Size (in)                     5.47 × 3.72 × .76  
Viewable Area (in)        4.3 diagonal dimension

Weight (g)                    52

Dual Radio Design	Active	Passive
Power	Sealed Battery 20,000 image writes or 5 yrs	RF
Frequency Range	433 MHz	866–928 MHz
Read Range* (typical)	100 m	6 m
User Memory	24 image pages	128 bit user space EPC Memory

\* Indoor installation typical power settings shown. Optimal environments can significantly enhance performance.

### Environmental Specifications

Operating Temperature	0 to +50°C
IP Rating	IP65
Shock and Vibration	Withstands 4' drop to concrete
Attachment Options*	Adhesive Clip / Tether / Band Screw Mount
Certifications	EN55022 Class A, EN50082-2 CSA, RoHS FCC Class A digital device according to FCC Part 15 and ICES-003
Warranty	1 year

#### What determines the Visual display that is right for your application?

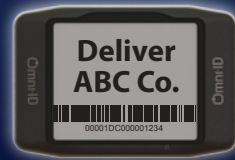
- ▶ The location for the display tag
- ▶ The amount of content that will be displayed in one page
- ▶ The read distance for the display

\* Custom options available upon request, for example, magnetic strip, custom brackets.

## Building Intelligent Supply Chains

Tag changes images through passive or active reads or writes in process

**LABEL**



**TRACK**



**INSTRUCT**



## Segmented Displays

Segmented displays have the same attributes as full graphic displays, but rely on a pre-printed permanent mask to render images rather than the pixel-level control enabled in graphic displays. The mask image is divided into pieces or segments which can be turned on or off.

Advantages of Segmented vs Graphic Displays:

- ▶ Reduced device costs
- ▶ Increased durability\*
- ▶ Lower power consumption
- ▶ Simplified software implementation

\* A highly segmented display (that which has > 400 segments) requires glass substrates, substantially reducing this benefit.

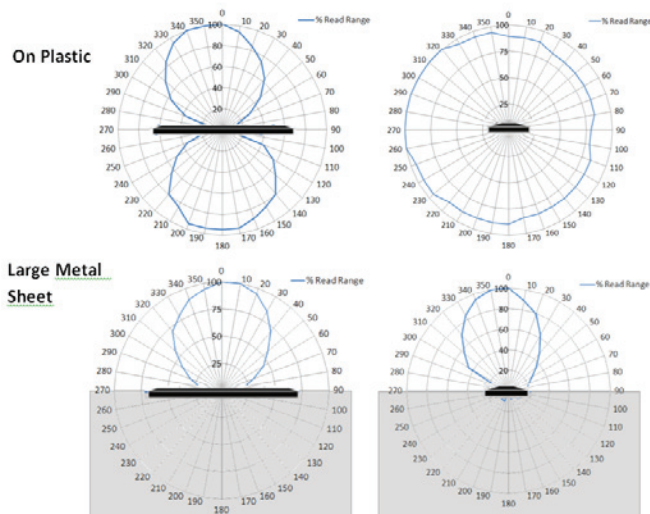
## Graphic & Segmented Options\*

Code	Name	Description	V2	V3	V4
S†	Segmented	Premium operator interaction in clean/light industrial environment			
B	Buttons	Inexpensive operator interaction in harsh environments			
M	Magnetic Switch	For Security alarms, shelf edge or conveyor position sensing or touch less operator interaction			
L	LED Signal	For pick to light or shop floor operator signaling			
A	Attachment	Adhesive, Clip/Tether/Band, screw mounted			

\* Custom options available upon request.

† Graphic displays are standard. Please add "S" for a segmented display.

## Radiation Patterns



## Related Products

Product Names	Description
ProVIEW Software	Complete solutions will include all the components for a seamless transition to our system that will meet all supply chain needs.
OMNI RSP	Replacement Screen Protectors safeguard your display tags from damage, & are easily replaced.

Electrophoretic Screens for the View Tags are Provided by Technology Partner,

**PERVASIVEDISPLAYS**

Omni-ID office locations: US | UK | China | India | Southeast Asia

For product or technology inquiries email: [sales@omni-id.com](mailto:sales@omni-id.com)