



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 rewritable 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.

Omni-ID® View Tags User Guide

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 e-paper display, Full graphic, (black & white) 120° viewing angle (in sunlight)

View 2 Specifications

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

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

Weight (g) 42

View 3 Specifications

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

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

Weight (g) 42

View 4 Specifications

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

Size (in) 5.47 × 3.72 × .76
Screen 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	433.27 MHz	866–928 MHz
Read Range* (typical)	200 m	8 m
Protocol	ISO 18000-7	EPC Gen 2
Memory	24 image pages 128 kb user space	128 bit user space

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

Environmental Specifications

Operating Temperature	0 to +50 °C
IP Rating	IP68 Nema 4 (water resistant)
Shock and Vibration	Withstands 4' drop to concrete
Attachment Options*	Adhesive Clip / Tether / Band Screw Mount
Certifications	EN55022 Class A, EN50082-2 UL60950, UL1604 UL Class 1, Div 2, CSA, RoHS FCC Class A digital device according to FCC Part 15 and ICES-003
Warranty	1 year

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

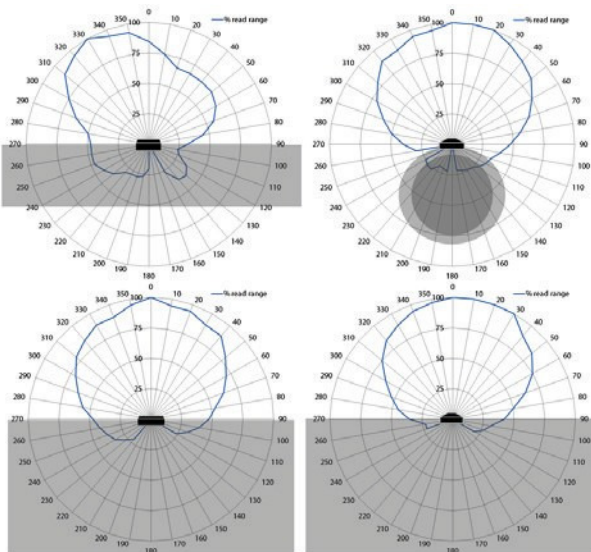
What determines the Visual display that is right for your application?

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

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Radiation Patterns



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 environment			✓
M	Magnetic Switch	For Security alarms, shelf edge or conveyor position sensing or touchless 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.

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FCC Compliance

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.

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

(1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.