

## Omni-ID® View 10

The View 10 is a rugged page-sized electrophoretic display device that enables electronic work instructions, build manuals and documentation. On-board IR and RFID allows efficient tracking and triggering through the process while integrated Wi-Fi leverages open wireless infrastructure. Built tough for commercial applications.

## Building Intelligent Supply Chains

Omni-ID View 10 is perfect for industrial applications requiring travelling documentation:

- ▶ **Manufacturing & Healthcare:** Work instructions
- ▶ **Maintenance:** Repair manuals
- ▶ **Logistics:** Manifests and pick lists
- ▶ **Quality:** Reports and forms
- ▶ **Operations:** Productivity graphs & reports

### Physical Specifications

Display	Electrophoretic e-paper display Full graphic, black & white
Size (mm)	Height 263 + 6 Bumper, Width 205 + 6 Bumper, Thickness 13 + 6 Bumper
Size (in)	Height 10.35 + 0.23 Bumper, Width 8.07+ 0.23 Bumper, Thickness 0.5 Bumper
Screen Area	203mm × 162mm (1280 × 1024) single bit; 160 DPI, 10.2" diagonal screen
Weight (g)	680



### RF Specifications

Data Communication	IEEE 802.11b/g Wi-Fi (2.45 GHz) Typical range 50m
RFID	Integrated EPC Gen 2 with wakeup on write <sup>1</sup> (866–928MHz)
IC Type (chip)	MonzaX-2K
Buttons	5 Tactile Buttons with LED feedback. Multiple definitions per button can be defined by page content.
Power	Less than 5 Hours to fully recharge from no charge Power Monitor and Reporting. Non-Contact Charging (Inductive Coupling Loop) WPC-QI (Induction Charging Specification)
User Memory (bytes)	25 Megabytes, 162 to 255 Image pages depending on compression ratio

<sup>1</sup>The View 10 will wake up if an external device writes specific data to a specific location in the RFID

### Environmental Specifications

Operating Temperature	0 to +50°C
Shock and Vibration	Withstands 4' drop to concrete
Attachment Options <sup>†</sup>	Adhesive Bracket
Certifications	EN55022:2010 & FCC Part 15 Radiated Emissions EN55022:2010 & FCC Part 15 , Conducted Emissions EN55024:2010, EN61000-4-2:2009, EN61000-4-3:2006+A2:2010, Immunity CE, RoHS FCC Class B digital device, Part 15, CAN/ CSA-CISPR 22-10/ ICES-003
Warranty	1 year

<sup>†</sup>See additional specifications in the View 10 Application Guide

# View 10 Components

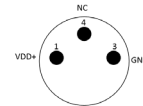
## Link Trigger

Thin and durable, the Link IR Trigger is powered by commonly available 24VDC and is easily mounted at any work area in your process. Via rotary switches set by the installer, the Link Trigger emits an encoded infrared signal telling the View10 where it is and what to do.



Power – M8 A-Code 3 pin Threaded

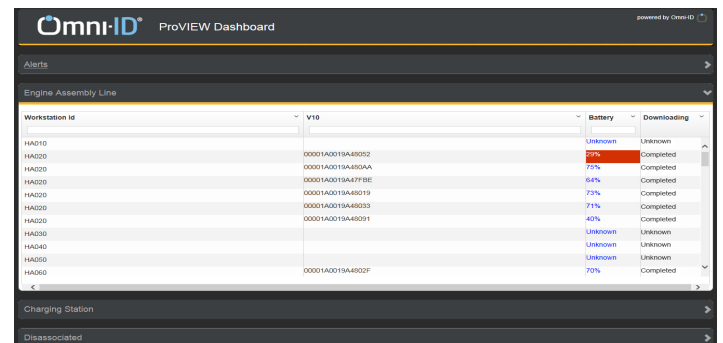
1	Brown	+24V IN
3	Blue	GND
4	Black	Not used



## ProVIEW Software

ProVIEW software adds the infrastructure that supports the rewrite on the View tags and the ability to locate assets, provide real-time work in process, inventory and reporting.

- Local or cloud hosted asset management tool.
- Design your own data structure.
- API interface to integrate with existing software systems.
- Web user based interface for easy set up and deployment.
- Custom applications available.



## Charging Options

The View 10 is recharged by induction, eliminating the need to plug the device in or deal with contacts that wear out over time in proprietary cradles. Charging is compatible with the Qi charging standard ([www.wirelesspowerconsortium.com](http://www.wirelesspowerconsortium.com)) supported by hundreds of companies with charging pads widely available.

To serve the particular needs of our customer base, we provide three charger options directly from Omni-ID:

- **Industrial Charging Cart**  
32 slots, wheel and battery pack options for mobility
- **Industrial Charging Rack**  
8 Slots, desktop or wall mount compatible
- **Individual Charging Pad**  
Single unit charging, placed directly behind the View 10



Industrial Charging Cart



Industrial Charging Rack



Industrial Charging Pad

## Ordering Information

Item Name	Order Code	Description
View 10	OMNI-V10	Electrophoretic bi-stable display, black & white graphic, 160 DPI
Link Trigger	OMNI-IRT	Signaling device emitting infrared energy to wake a tag with location or status information

ProVIEW Software

Charging Cart  
Charging Rack  
Charging Pad

Contact your Omni-ID Sales Representative for more information

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)