

Precise sensors  
for every application

OMRON

# Discover OMRON's E3AS Sensors



SPECIAL  
OFFER

## Compact sensing solutions from short to long range detection

Benefit from reliable detection regardless of various shapes,  
colours or materials

The E3AS series is a compact sensor family designed for versatile detection applications, covering ranges from short to long distances (up to 6m). Key benefits include:

- **Reliable Detection:** Insensitive to color, shape, or material, ensuring dependable results.
- **Angle Flexibility:** Unique  $\pm 85^\circ$  angle characteristic allows greater mounting freedom and stable detection of irregular objects.
- **Environmental Durability:** IP67/IP69K and Ecolab certification, with an antifouling coating to withstand challenging conditions.
- **High-visibility OLED Display:** Easy navigation and advanced adjustments.

The E3AS series allows users to simplify and standardize their sensor selection.

The E3AS reduces the need for a broad sensor portfolio, solving virtually any sensing challenge with a single, powerful option.

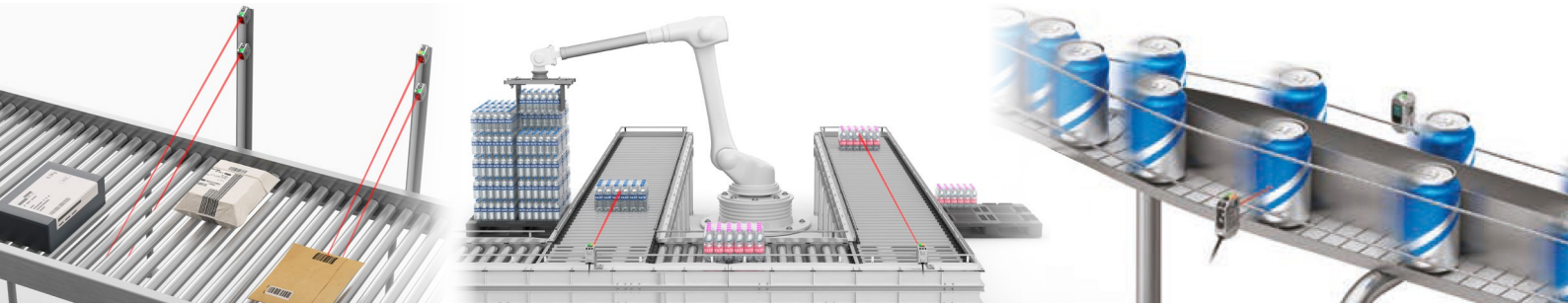
*Would you like to know more?*

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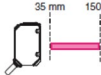












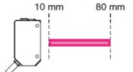
# Pioneering sensing technology – OMRON's E3AS Advanced Sensing Solutions



**OMRON's E3AS series helps optimize operations by providing solutions for direct detection applications without the need for reflectors or through-beam sensors. Key benefits include:**

1. Standardized Detection: Simplifies sensor deployment, reducing inventory needs.
2. Reliable Sensing: Stable detection of irregular objects, unaffected by shape, material, or color.
3. Digitalization-Ready: Equipped with IO-Link communication for seamless integration and data collection.

## Overview of E3AS Sensor Family

Type	Sensing Distance	Model	Variant
Advanced Background Suppression 		E3AS-HL500MT* E3AS-HL500LMT*	Spot Beam  Line Beam 
		E3AS-HL150MT* E3AS-HL150LMT*	Spot Beam  Line Beam 
Advanced Time-of-Flight 		E3AS-HF6000SMT **	Spot beam 
		E3AS-HF6000DMT **	Diffuse beam 
Standard Time-of-Flight 		E3AS-F1500IMT* E3AS-F1500IPT*	Stainless Steel Housing Plastic Housing
		E3AS-F1000MT* E3AS-F1000PT*	Stainless Steel Housing Plastic Housing
Standard Background Suppression 		E3AS-L200MT*	-
		E3AS-L80MT*	-

\* Add > **M3** for M8 connector; **M1TJ 0.3M** for M12 0.3m pigtail; **2M** for 2m cable version

\*\* Add > **MT1J 0.3M** for M12 0.3m pigtail; **M1H** for M12 horizontal connector; **M1V** for M12 vertical connector; **2M** for 2m cable version

Note: Showed models are PNP. For NPN models, change "T" by "N"

 Red light  Infrared light

**Quickly discover the perfect product for your needs. Book & Benefit now!**

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