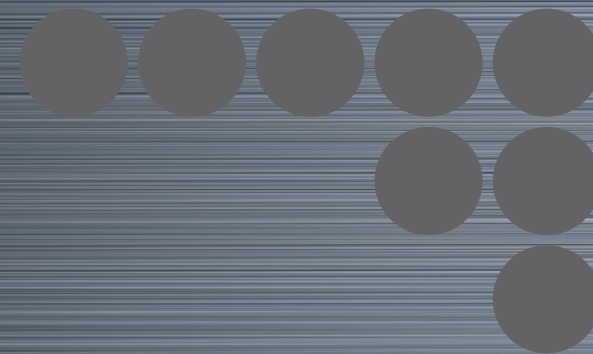


OMRON

# Smart Sensors ZS Series

2D CMOS Laser Type



High-precision Displacement Measurement Sensors Bringing Smart Sensors into New Fields.



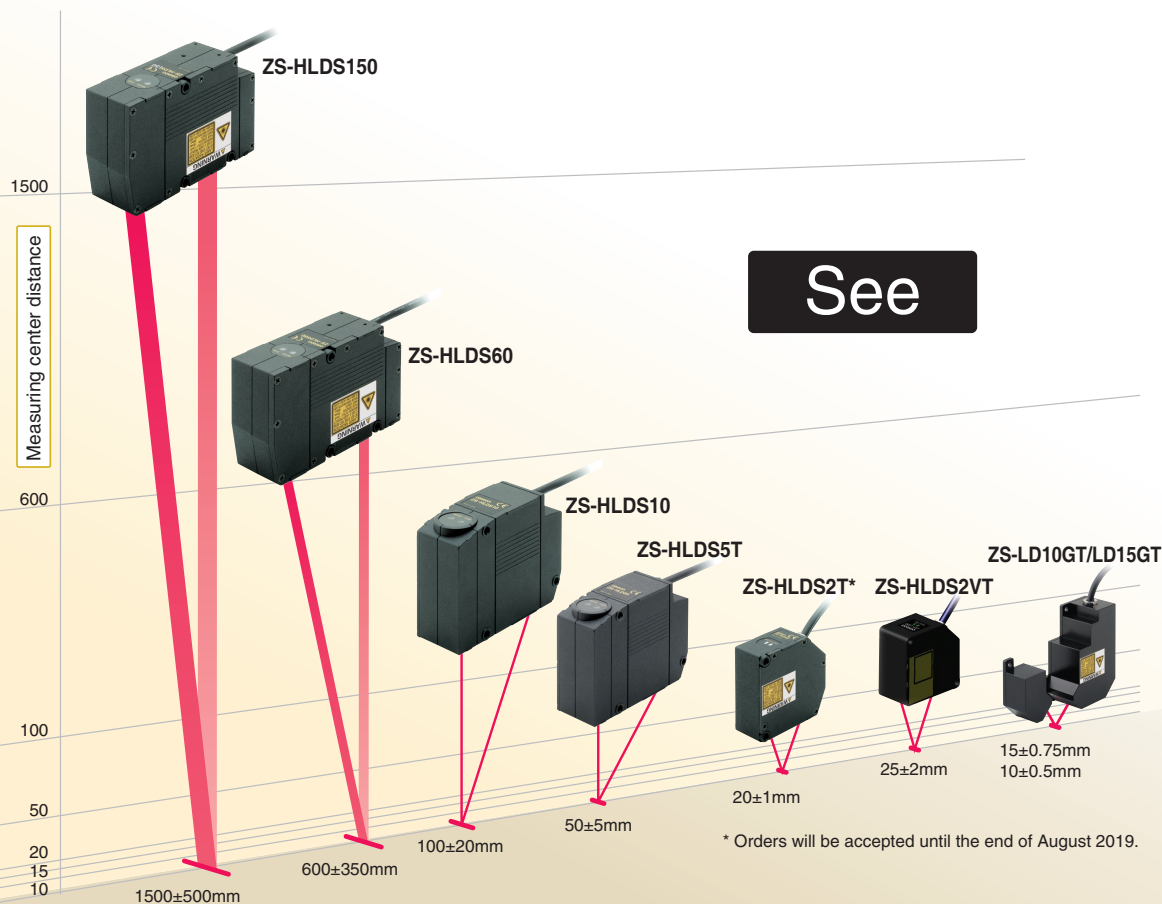
realizing

# ZS-HL Series

More P.6

Very High-performance Sensors that Support Core Quality from Very Long-range to Extremely Precise Measurements

- Range of models with measuring center distance of 20 to 1,500 mm.
- Achieves maximum resolution of 0.25 μm.
- Maximum response speed of 110 μs.
- Parallel output supported.



See

# Highly Advanced Sensing Fu



## Record

### Data Storage Unit ZS-DSU ZS-DSU

Ideal for ZS Series Data Logging

Enables onsite high-speed logging of data in external memory (compact flash card) for the Sensor Controller or Multi-Controller.

Effective for building traceability systems, statistical process control (SPC), and much more.

High-speed sampling rate: 150 μs  
Powerful support for logging data using various trigger functions.

More P.18

## Control

### Multi-Controller ZS-MDC

Enables full application of Sensor Controller information.

Transfers data between multi-connected Sensor Controllers and performs high-speed multiprocessing.

Connects to up to nine Sensor Controllers.

More P.17