

## About Us

Tianjin Sentinel Electronics Co., Ltd. (SENTINEL) was founded in 2008 and has been deeply engaged in China's industrial automation control field for over a decade. As a research-driven high-tech enterprise, SENTINEL has consistently focused on the development and production of industrial network distributed I/O and sensor products. It is one of the few domestic manufacturers dedicated to the research and development of Industrial Ethernet and fieldbus products.

We adhere to the business philosophy of "Innovation Drives Intelligent Manufacturing, Service Builds Trust," taking customer needs as our guide. Through continuous product refinement and technological upgrades, we strive to provide users with superior products, enhanced application experiences, and high-quality services.

Faster, more flexible, and more efficient production requires seamless communication from sensors to the Internet. SENTINEL offers a wide range of high-quality product options and comprehensive solutions. Our products are widely used in metallurgy, metal processing, construction machinery, machine tools, logistics and packaging, automotive and components manufacturing, and the new energy industry. With reliable product quality and attentive service, we have earned the trust and recognition of a broad customer base.

## IO-Link and I/O modules catalog

Focus on industrial automation solutions



创新驱动智造，用心服务客户

SENSING YOUR MIND!

- I/O modules with IP67
- I/O modules with IP20
- Multi-protocol IO-Link Master
- IO-Link M12 Device
- IO-Link M8 Device
- IO-Link Device with IP20

**5**  
5-YEAR WARRANTY

### TIANJIN SENTINEL ELECTRONICS CO.,LTD.

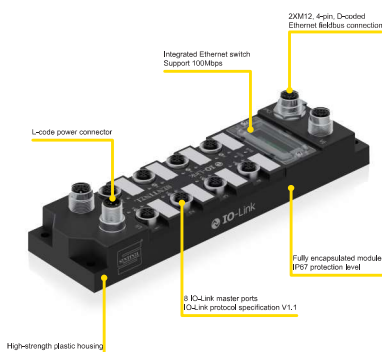
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\*The appearance of the product is subject to actual product, Sentinel® has a right of the technical changes.

## IO-Link Master

### Product Features

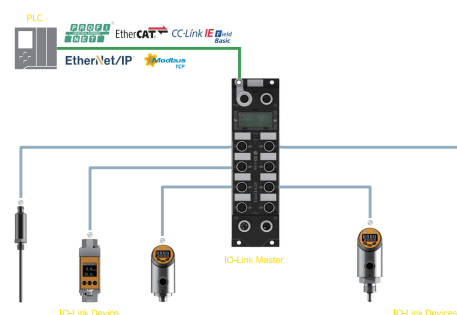


### Advantages

IO-Link Master simplifies wiring with standardized interfaces, supports real-time diagnostics, and enables remote data transmission for efficient maintenance.

- Standardized interfaces, fewer wiring errors.
- Intelligent diagnostics, real-time status monitoring.
- Remote data collection, smart management.

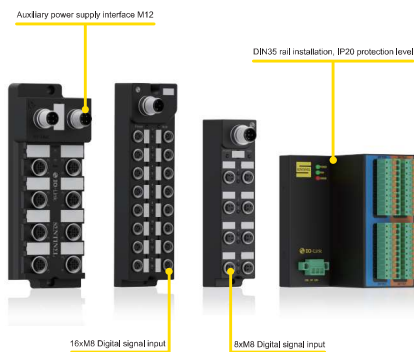
### Solution



- Star topology simplifies wiring.
- Supports multiple protocols for easy integration.

## IO-Link Device

### Product Features

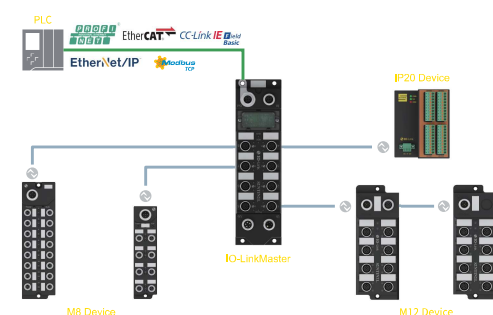


### Advantages

IO-Link Devices support modular expansion, plug-and-play functionality, and high compatibility with various sensors and actuators, reducing wiring complexity.

- Modular design, flexible I/O expansion.
- Plug-and-play, minimal setup time.
- High compatibility, supports various devices.

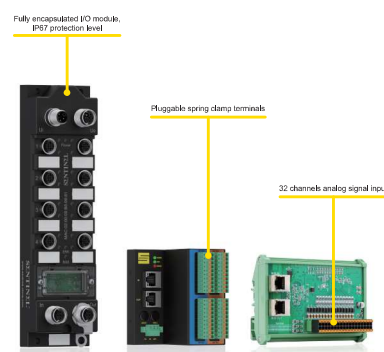
### Solution



- Modular expansion to adapt to different devices.
- Unified management to improve system compatibility.

## I/O Modules

### Product Features

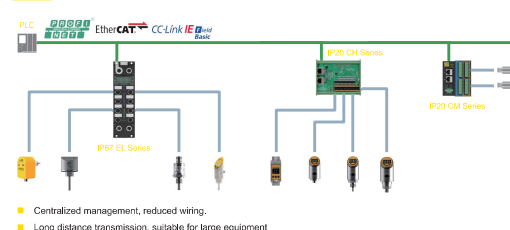


### Advantages

Fieldbus uses digital communication, reducing wiring complexity, supporting long-distance transmission, and improving data reliability while ensuring compatibility with multiple protocols.

- Less wiring, higher installation efficiency.
- Strong anti-interference, stable long-distance transmission.
- Multi-protocol support, high compatibility.

### Solution



- Centralized management, reduced wiring.
- Long distance transmission, suitable for large equipment.