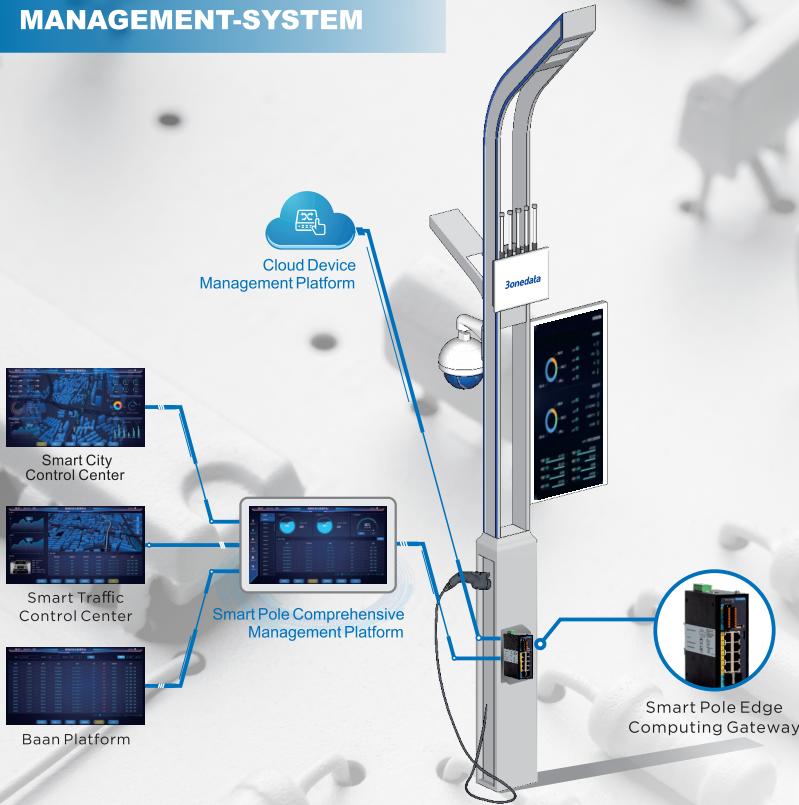


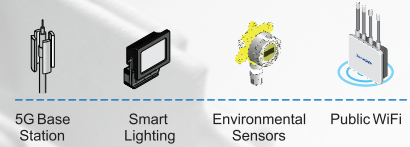
Leading the Way with 3onedata: IoT, AI Vision and Sustainable Energy Solutions

SMART-POLE-MANAGEMENT-SYSTEM

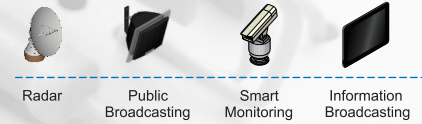


- Unified IoT platform to manage edge computing gateways, lighting, environmental monitoring, cameras, information screens and smart locks, etc.
- GIS-based dynamic management of access devices, statistics and intelligent analysis of access device data.
- One-key linkage of equipment, support for docking public security systems, can be quickly disposed of urban events.

Over 4 Meters



2-4 Meters

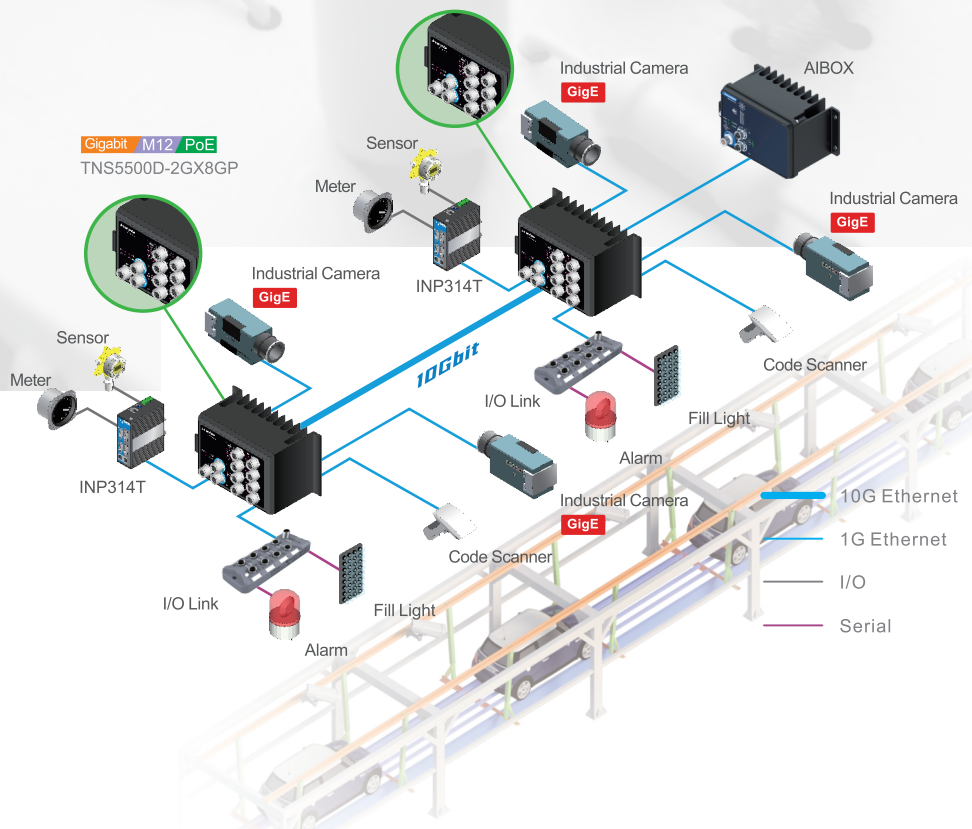


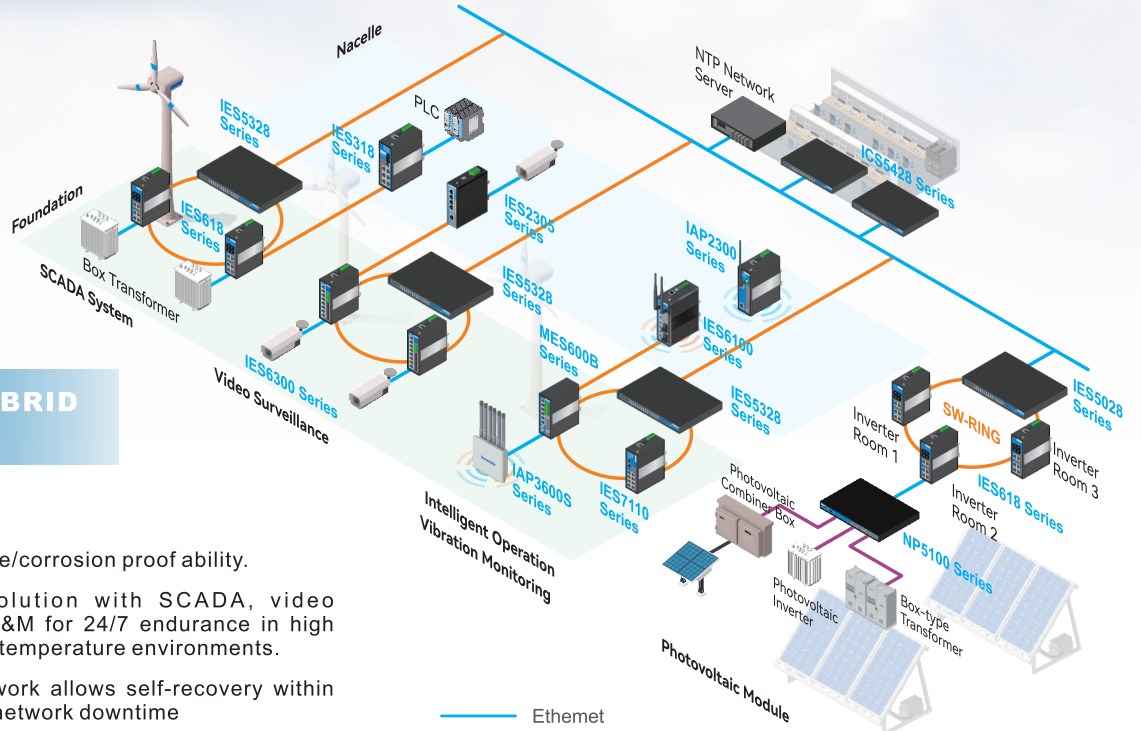
0-2 Meters



MACHINE VISION SYSTEM

- Adopt Jetson AGX Xavier series, 32TOPS AI performance, through High-speed and uninterrupted machine vision to increase the product and process quality.
- Two 10G uplink interfaces and eight 802.3at PoE interfaces to transmit massive HD screens.
- Robust M12 connector ensures the stable Ethernet connection to withstand High-vibration environments.
- Cycle data via IO-LINK for more accurate motion processes of sensors and actuators.





WIND-SOLAR HYBRID POWER SYSTEM

Features

- PCB coating for dust/moisture/corrosion proof ability.
- Full-scene windfarm solution with SCADA, video surveillance and wireless O&M for 24/7 endurance in high vibration and wide operating temperature environments.
- Patented SW-Ring ring network allows self-recovery within 20ms to minimize the risk of network downtime
- High-density serial server with 16/32 serial ports and redundant LAN ports support simultaneous operation under dual networks to ensure reliable data transmission.

— Ethernet
— Fiber
— Serial

Key Products



TCU1200-U01-LV
Industrial IoT Edge Computing Gateway

- 2*1G SFP · 8*10/100M RJ45 · 1*RS-232 · 4*RS-485, 1*CAN
- ARM architecture, Ubuntu 20.04
- Supports secondary development, provides sample code for rapid application deployment



AIBox
2-port Machine Vision AIBox

- 2*1G M12, 8-Pin X-Coded
- AI performance: 32 TOPS
- IP67 protection
- -40~75 °C operating temperature



TNS5500D-2GX8GP
Industrial M12 PoE Switch

- 8*10/100/1000Base-T(X) PoE M12
- 2*10GBase-T M12
- IP67 protection



NP5100 Series
Industrial Serial Device Server

- 16/32*RS-232/422/485 serial ports, RJ45 connector, OLED display optional
- Baud rate: 110bps-921600bps
- 2*10/100M RJ45, dual IP or single IP (redundant, switch mode)
- RealCom, Reverse RealCom, TCP Server, TCP Client, UDP, Pair Master/Slave, UDP Multicast



IES618 Series
Industrial L2 Ethernet Switch

- 2/4*100M ST/SC/FC fiber port, 4/6/8*100M RJ45
- STP/RSTP Ring protocol
- IEEE 802.1Q VLAN
- 3onedata private SW-Ring protocol, self-recovery time ≤ 20ms



IAP2300-2N2-5T
Industrial Wireless AP

- 4*100M LAN, 1*100M WAN
- 2*2.4GHz antennas
- IEEE802.11b/g/n Wi-Fi 4 standard
- Router, AP, bridge and client operating mode