

HOYAN Gateway Lineup

INDUSTRIAL GATEWAY LINEUP

Ethernet • LoRa wireless • Serial distribution

Every cable on the plant floor, connected and under control.



ETH-A2E Industrial Ethernet IoT Gateway

Put field devices online in one step — automation and cloud built in.

- Network** Ethernet 10/100 • RS-485 × 2 • RS-232
- Protocol** Modbus TCP / RTU — master, slave, transparent
- Control** 160 automation rules • time-scheduled execution
- Cloud** Encrypted MQTT upload • up to 512 tags

No software to install

DIN rail

I/O expansion



ETH-A2L LoRa Long-Range Wireless Gateway

Long-range links with no cable to pull — across buildings and decks.

- Radio** Licence-free band • 7 data rates • 4 power levels
- Roles** Transparent / master / slave / repeater
- Integration** One master serves 8 remotes • automatic queuing
- Data** Central tag management • status flag on every record

External antenna

Repeater range

ETH-A2E compatible



ETH-A2N Dual-Ethernet Serial Device Server

6+1 serial ports distributed and bridged — one unit for a whole cabinet.

- Interface** Dual independent 10/100 • RS-485 × 6 • RS-232 × 1
- Distribution** One-to-many fan-out • overlapping targets merge
- Protocol** Modbus TCP gateway • RTU master / slave / transparent
- Operations** Black-box event log • TF card backup • IP allow-list

Isolated transceivers

NMEA tagging

Battery-backed clock

A2 Series I/O Expansion Modules (optional)

Shared by all three gateways • auto-detected • 8 units, 32 points each

TSF-A2-DI16

16-ch digital input

TSF-A2-DO16

16-ch digital output

TSF-A2-AI6

6-ch analogue input

TSF-A2-AO6

6-ch analogue output

TSF-A2-RT6

6-ch temperature input

TSF-A2-DO6TR

6-ch relay output

Full datasheets & demo units on request

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