# YZW400

## 01 Wiring and power

9–36 V Power socket

01 Wiring and power 02 PC and management 03 Network and a real request 04 Next task and handover

| Item | This model |
| --- | --- |
| Platform/cellular | MT7628 / 4G standard; complete-unit 5G hardware option |
| Power input | 9–36 V DC; MX3.0 2×2 |
| Ethernet | 5 × 10/100 RJ45 |
| Serial/I/O | 1 × RS232 + 1 × RS485 |

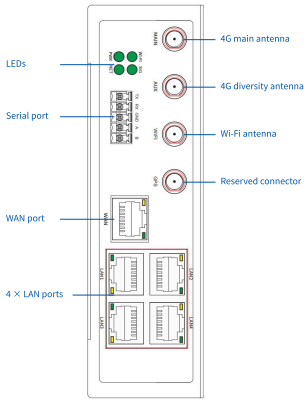



Figure 2-1 Interface panel 1

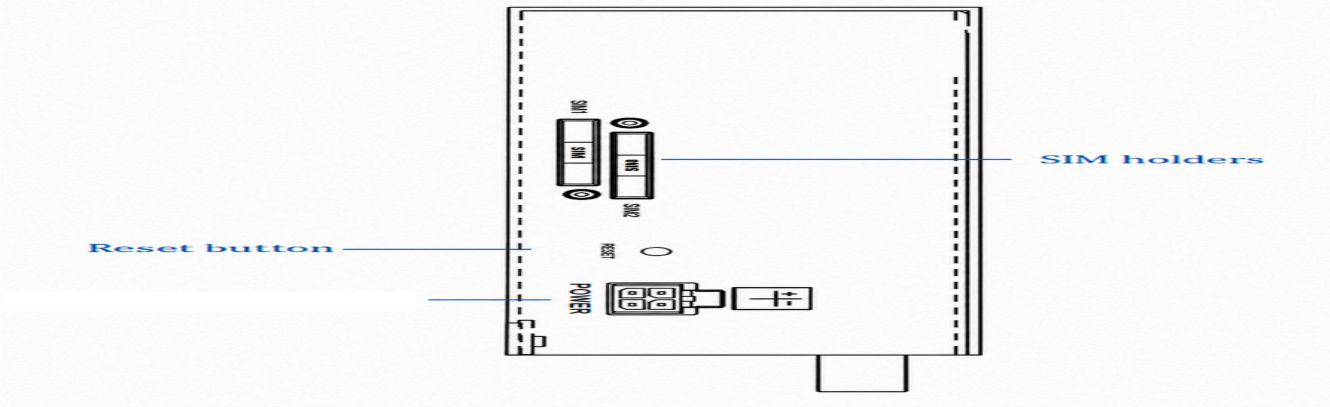



Figure 2-2 Interface panel 2

> 4G is standard and 5G is a complete-unit hardware option. Even the 5G unit has 10/100 Ethernet. Use the MX3.0 2×2 power connector, not a barrel lead.

Power off before fitting SIM and matching antennas. Use this model connector/polarity and connect the PC to a confirmed LAN. Obtain the pin map when unclear; do not infer wiring from a similar enclosure.

# 02 PC and management

Use the site-PC browser, not M2M or the PLC vendor tool. Obtain management URL, scheme/port and credentials from the label, delivery record or administrator. Check records before considering a reset for an unknown address.

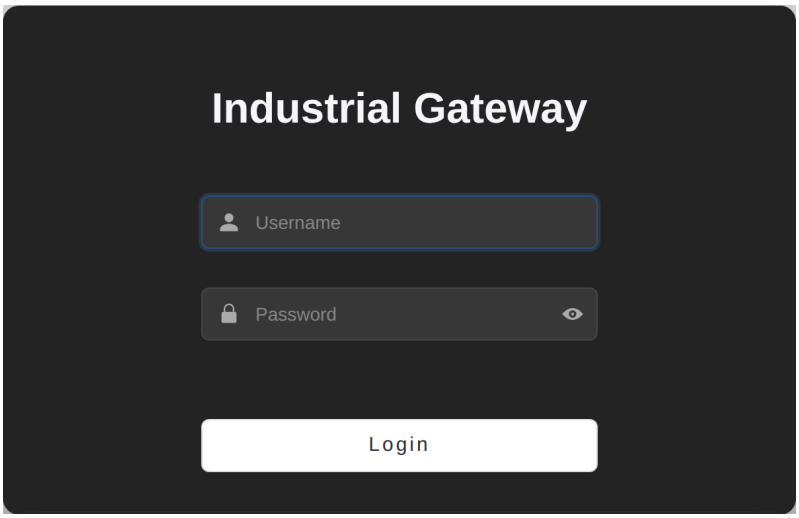



Figure 3-1 Web loginSame-platform native OEM UI reference: YZW1010; use the delivered menus and model-specific wiring

| Step | Action, expected result and first checks |
|---|---|
| 1 | Use a LAN identified by the label/manual; if roles changed, follow the current configuration. |
| 2 | Run ipconfig in Windows PowerShell and check adapter IP/mask. For no DHCP lease inspect cable/LAN first; for static IP exclude conflicts. |
| 3 | Enter the complete current URL in the browser address bar, including scheme/port. Expect the gateway login; check subnet, role and scheme/port if absent. |
| 4 | Log in with delivered Web credentials and verify Home identity/state. In System Management > User Management change admin password; retain the old session and test a private-window login. |

> Record current URL, port role, PC IP and controlled credential location. Login proves management access, not uplink or valid field data.

# 03 Network and a real request

| Entry/task | Action | Pass / first failure checks |
| --- | --- | --- |
| Cellular uplink | Gateway Web > Network Settings > Cellular. Configure an actual modem with carrier APN/authentication/PIN and save. | Require SIM recognition, registration, session IP and actual service. Diagnose in that order; signal strength alone is insufficient. |
| Wired uplink | Gateway Web > Network Settings > WAN. Match upstream DHCP/static/PPPoE, save and reopen to verify the address. | Address/gateway/DNS match upstream and a real target works; do not confuse uplink and management LAN. |
| Network Tools | Applications > Network Tools: test the real target IP then its hostname. Source IP is the gateway address on that egress; blank uses default routing. | Retain target, source, time and full result. No Ping reply alone does not establish an offline server; check service/logs. |
| Actual application | Observe a fresh receiver message or read a known point with the authorized vendor tool, after a local site baseline. | Match time, identity/value/unit to the site; online/TCP-connected/saved status alone is insufficient. |

## Retain this evidence

Save Home/uplink screenshots, full diagnostic output and a fresh raw message or vendor-tool read result. In System Management > Local Log refresh and export the relevant period; retain filename/time zone. Redact passwords and keys before sharing.

# 04 Next task and handover

| Next task | Entry/material |
| --- | --- |
| Instrument/Modbus | Applications > Modbus Collect. Save command, device and global settings separately; use Data Acquisition and the platform-specific Modbus/DTU guide. |
| PLC/remote service | Delivered MT7981 PLC apps use the dedicated Web entry. Remote service uses authorized VPN/M2M plus vendor tools. Other platforms use local Modbus or external drivers. |

## Back up before maintenance

Export configuration in System Management > Configuration Management. Separately account for used point maps, certificates, Node-RED/LNS and other application data. Use only the approved exact-model/layout image.

> Select Factory reset after upgrade when the new firmware changes the configuration. Leave it unchecked for a program-only update with no configuration changes. A checked box resets settings; it does not retain them. Reconfigure after the reset and separately confirm whether an old backup is compatible.

| Handover | Complete on site |
| --- | --- |
| Hardware/software | Model/order configuration, actual firmware and app versions: ____ |
| Management/uplink | Current URL, LAN/egress and credential location: ____ |
| Evidence/recovery | Last successful step, logs/backup and local contact: ____ |

Full model manual: YZW400-4G_User_Manual_V1.2_EN.pdf in the accompanying specification/manual folder. Use its live contents. This quick start does not replace installation rules, safety requirements or control authorization.