

SCADA RAT

Industrial Remote Automation & Telemetry Solutions

866-HOPE-565

WWW.HopeAutomation.com

Support@HopeAutomation.com

- Stainless Steel Enclosure
- HMI Touchscreen Included
- HopeSCADA Dashboard
- Voice Alarm Notifications
- Plug & Play Dry Contacts
- 12/24VDC + 120VAC
- Database + Reports
- OTA Program Updates
- RS-485 Modbus RTU
- RJ45 Modbus TCP
- MQTT Protocol
- 3-Year Warranty Included

COMMUNICATIONS — COMBINE ANY OR ALL ON EACH UNIT

RADIO

LoRa / RF — License-free long range

CELLULAR

LTE — T-Mobile / AT&T / Verizon

WiFi

2.4 GHz — On-site networks

Run multiple links simultaneously for redundancy and automatic failover.

Product Line — All Three Models Include HMI Touchscreen, Web Dashboard, Voice Alarms, and All Communication Options

MODEL	SCADA Alarm	SCADA RAT 1000	SCADA Lift Station
Complete turnkey system with HMI & all communications	\$2,500 / \$3,000 <i>8 or 16 input configurations</i>	\$5,500 <i>Full telemetry & control node</i>	\$7,500 <i>Duplex pump control</i>
Digital Inputs (Floats / Proofs)	8 or 16	8	40
Digital Outputs (Relays / Calls)	—	8	8
Analog Inputs (4-20mA)	—	4	4
Analog Outputs (4-20mA / VFD)	—	4	2
Power: 12/24VDC + 120VAC Adapter	✓	✓	✓
Stainless Steel Enclosure	✓	✓	✓
HMI Touchscreen	✓	✓	✓
Voice Alarm Notifications	✓	✓	✓
HopeSCADA Web Dashboard	✓	✓	✓
Database + Custom Reports	✓	✓	✓
Radio + Cellular + WiFi (3-Yr SIM Incl.)	✓	✓	✓
OTA Program Updates (remote)	✓	✓	✓
3-Year "No Questions" Warranty	✓	✓	✓
SCADA Integration (Modbus/MQTT)	✓	✓	✓
Duplex Pump Alternation	—	—	✓
Pump Seal Fail Relays	—	—	✓
Phase Monitoring	—	—	✓
TVSS Surge Protection	—	—	✓
Conformal Coating (PCBs)	—	—	✓

Model 5000 — Custom Build

Up to 340 I/O points. Fully customized to your site. Call for quote.

Add-On Options & Services

SIM Renewal Plans

- First 3 years INCLUDED
- Renewal 1 Yr: \$120
- Renewal 3 Yr: \$300

Training & Startup

- On-site commissioning
- Operator training
- Contact us for quote

Installation

- Quoted per site
- Starting at \$800/day
- Travel & lodging extra

Solar Power

- Off-grid capable
- Battery backup
- Contact us for details



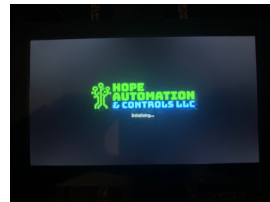
Product Gallery

HMI Touchscreen Interface

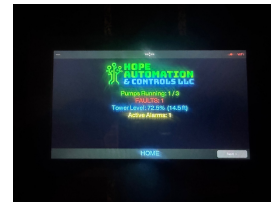


Stainless Steel Enclosure

Industrial-grade, weather-resistant housing



Screen Saver



Home Dashboard



Pump Status



Tower Level



Alarm Log

I/O Applications

Digital Inputs (DI)

- Floats
- Proof of Run
- Fault Status
- Power Status
- HOA Switches

Digital Outputs (DO)

- Call Pump
- Alarm Beacon
- Alarm Buzzer
- Solenoid Valves
- Chemical Feed

Analog Inputs (AI)

- Flow Meter
- Pressure / Level
- Chlorine Level
- Temperature
- Rainfall / Windspeed

Analog Outputs (AO)

- VFD Speed Control
- Chemical Pump Rate
- Valve Position
- Setpoint Output

Industries & Sites We Serve

Rural Water

Towers, wells, chlorination

Wastewater

Lift stations, treatment

Municipal Plants

Full SCADA integration

Remote Telemetry

Off-grid, solar, cellular

"Don't pay to see your data." — Own your SCADA. Own your historian. Own your reports.

