



SCADA MONITORING AND CONTROL SOLUTIONS

Cattron™ offers a superior line of wireless remote monitoring and control solutions that maintain security standards and reduce costs for municipalities. Supported by the RemotelQ™ cloud-based platform, our solutions provide critical alarm notifications, status reports and trends without any third-party costs or integration required for water and wastewater facilities. Our solutions enable you to manage your sites more efficiently, resulting in savings of time and money.

- **Monitor and control remote assets** utilizing the RemotelQ platform for managing data and making critical decisions.
- Receive **alarm notifications on critical events** via voice, text and email.
- **Intuitive graphics provide real-time data**, including status of all inputs and dynamic icons representing pumps, flow meters, tanks, generators, pressure and more.
- **Authorized users can make configuration changes** locally and remotely and provide a complete audit trail with time and date stamp changes.

APPLICATIONS

Our water management solutions provide monitoring and control for water and wastewater applications such as:



Wells



Tanks



Lift Stations



Pump Stations



Bypass/Dewatering



Meters and Sensors



Water and Wastewater Treatment Plants

PRODUCT COMPARISON



| FEATURES | Messenger W | Aquavx™ | ElitelQ™ | Messenger 600 |
|------------------------------------|---------------|--------------------|-----------------------|---------------|
| Digital inputs (DI) | 3 | 10 | 8 to 48 | |
| Pulse inputs | ● | ● | | |
| Analog inputs (AI) | 1 | 4 | 8 to 48 | |
| Relay outputs (RO) | 1 | 2 | 4 to 24 | |
| Modbus I/O | | 20 DI, 30 AI, 8 RO | 8 to 72 | Up to 600 |
| Local user interface | LED | Display & Keypad | Display, Keypad & LED | LED |
| LTE/CATM1 communications | ● | ● | ● | ● |
| Backup battery for power fail | 12-hr Minimum | 12-hr Minimum | 12-hr Minimum | 12-hr Minimum |
| Operating temperature (Fahrenheit) | -40° to 185° | -22° to 158° | -40° to 185° | -40° to 185° |
| NEMA 4X | ● | ● | ● | ● |
| Panel/Flush mount | | ● | ● | |
| DIN rail | ● | | | ● |
| Serial ports | RS485/RS232 | RS485 | RS232/RS485 | RS485 |
| Control functions | On/Off | Conditional | Conditional | Read/Write |
| Peer-to-Peer | ● | ● | | |
| Field wiring to terminal blocks | 10-24 AWG | 16-22 AWG | 12-24 AWG | 10-24 AWG |
| Run mode | | 50mA@15VDC | 115mA | |
| Sleep mode | <6mA@12VDC | | | <8mA@12VDC |
| Monitoring mode | 70mA@12VDC | | | 40mA@12VDC |
| LTE transmit mode | 400mA@12VDC | | | 400mA@12VDC |
| RemotelQ vision image capture | ○ | ○ | ○ | ○ |
| OMNI antenna kit | ○ | ○ | ● | ○ |
| Solar panel kit | ○ | ○ | ○ | ○ |
| Warranty | 1 Year | 2 Years | 5 Years | 1 Year |

KEY: ● Standard ○ Optional

Learn more about SCADA solutions at cattron.com.



CONNECT. CONTROL. PROTECT.

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