

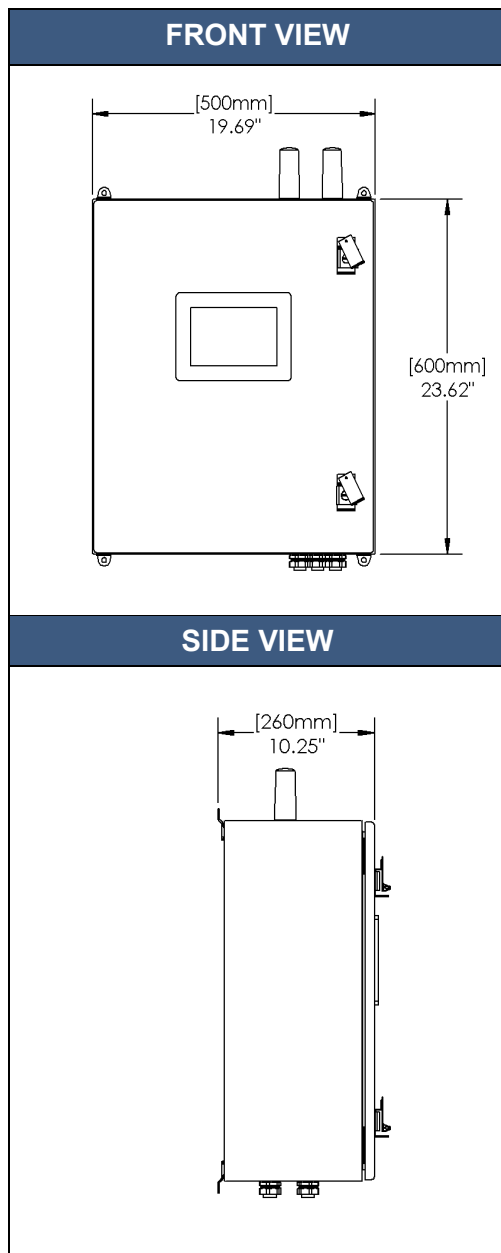
## SMART CONTROL CENTER

The Smart Control Center is the brain of the Monoclor® Residual Control System for managing distribution system water quality. The Smart Control Center continuously analyzes water quality data and issues dosing commands to the Chemical Feed System to maintain residual levels at a predetermined set-point. The Smart Control Center enables operators to set, maintain and monitor residual levels in the tank.

The Smart Control Center features:

- Real-time water quality analysis and control
- Touch-screen dashboard to set residual level at predetermined set-point
- Remote monitoring of water quality in the distribution system (SCADA compatible)





SMART CONTROL CENTER SPECIFICATIONS	
<b>HMI</b>	7" LCD Touch screen
<b>Water Quality Station Communication</b>	RS-485 2 conductor cable (Plug and Play)
<b>CFS Controller Communication</b>	Quick disconnect RS-485 cable with RJ-45 Connector (Plug and Play)
<b>PAX Mixer Control Center Communication</b>	Single Digital/Analog Cable or quick disconnect RS-485 cable with RJ-45 Connector (Plug and Play)
<b>Data-logging</b>	USB flash drive
<b>Remote Monitoring System (RMS)</b>	RMS sends e-mail to transmit alarm and/or performance to PSI's secure server (optional)
<b>SCADA</b>	2 Analog Output (0-10 V) 6 Digital Outputs ("Dry-Contact")
<b>Power</b>	Standard 100-120 VAC XXHZ XXA
<b>Communication</b>	Ethernet and Modbus TCP/IP
<b>Operating Temperature</b>	35-113°F (2-45°C)
<b>Enclosure</b>	24"H x 20"W x 10"D (61 cm x 51 cm x 25 cm), powder-coated carbon steel Equal to or greater than Type 4R
<b>PLC</b>	Allen Bradley MicroLogix 1400 1766L32BWAA
<b>I/O</b>	10 Digital Inputs 6 Digital Outputs 4 Analog Inputs (4-20 mA) 2 Analog Outputs (0-10 VDC)
<b>Cell Modem</b>	Digi TransPort WR31 4G LTE

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