Wireless Solutions for Agriculture









- Increase productivity with farm-wide wireless monitoring and control of remote systems
  - Irrigation controls and valves
  - Tank and reservoir levels
  - Pumps and filter skids
- Optimize growing results by basing decisions on in-field conditions
- Improve farm performance by logging critical data and receiving real-time alert messages

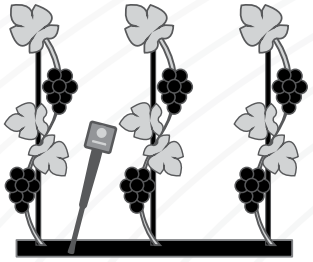
BANNER®

ПРОМЭЛЕКТРОНИКА/ sales@prom-elec.com









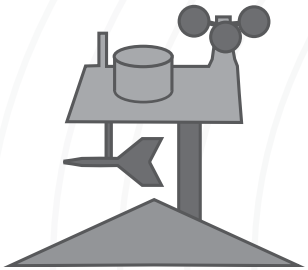
Soil Moisture Monitoring



DXM100-S2R2
DX80DR9M-H12E
DX80DR9M-H14



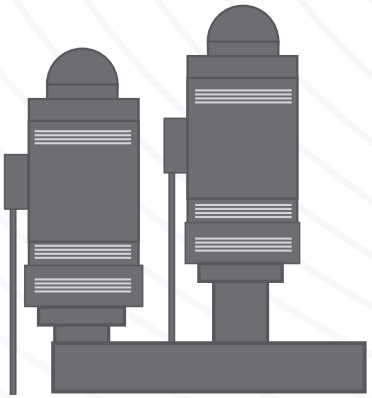
Tank Level Monitoring



Weather Station Monitoring



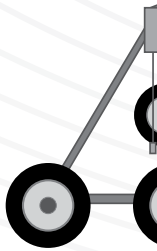
DX80DR9M-H12E
DX80DR9M-H14
DX80DRM-H6
DXM100-S2R2



Pump Station Monitoring



DXM100-S2R2
DX80DR9M-H12E
DX80DR9M-H14
DX80DRM-H6



The Banner Engineering Sure Cross™ family creates a powerful wireless network that enables you to monitor conditions, control your irrigation system, collect and send data to a cloud-based platform. It gives you the tools to link your operation's performance to your PC, tablet, or smart phone.



Irrigation System Control



Receive alerts and messages without website connection



Capture your data the way you want



Cloud services compatible

Order Now



DXM Base Stations

DXM100-B2C1R2

- Cellular and ethernet connectivity
- 900 MHz MultiHop Master Radio
- (5) SDI-12 probes, (2) DC latching outputs, (4) universal Inputs, (4) discrete outputs, (2) analog outputs
- Modbus RTU485 Communications
- 10-30 V dc, solar power charger and battery operation
- Data logging capability

DXM100-B2C1

- Cellular and ethernet connectivity
- (5) SDI-12 probes, (2) DC latching outputs, (4) universal Inputs, (4) discrete outputs, (2) analog outputs
- Modbus RTU485 communications
- 10-30 V dc, solar power charger and battery operation
- Data logging capability
- Remote/Field Radios

DXM100-B2R2

- Ethernet connectivity
- 900 MHz MultiHop Master Radio
- (5) SDI-12 probes, (2) DC latching outputs, (4) universal Inputs, (4) discrete outputs, (2) analog outputs
- Modbus RTU485 communications
- 10-30 V dc, solar power charger and battery operation
- Data logging capability

Remote Field Radios

DX80DR9M-H6

- 1-Wire serial interface for use with 1-Wire serial sensors
- Compatible sensors include Temp/Humidity, Vibration/Temp, Ultrasonic
- Internal battery or 10-30 V dc

DX80DR9M-H12E

- (5) SDI-12 Probes, (2) 0-20 mA analog Inputs, (2) NPN Inputs, (1) thermistor input
- Modbus RTU 485 communications
- Internal battery or 10-30 V dc operation, NEMA 4X enclosure

DX80DR9M-H14

- (5) SDI-12 probes, (1) 0-10 V dc or 0-20 mA analog input, (1) NPN or PNP input, (1) thermistor, (1) high speed counter
- Internal battery operation only, NEMA 6 enclosure

DXM100-S2R2

- (5) SDI-12 Probes, (2) DC Latching Outputs, (4) Universal Inputs, (4) Discrete Outputs, (2) Analog Outputs
- Modbus RTU485 Communications
- 10-30 V dc, solar power charger and battery operation

Additional solutions are available from Banner Engineering, please contact your local Representative for assistance.

Compatible Sensors and Accessories

Pump or Equipment Predictive Maintenance



Vibration and Temperature Sensors | **QM42VT1** **QM42VT2**

Temperature & Humidity Sensors



M12FT4Q
M12FH4Q
M12FT3Q
M12FH3Q

Tank, Pond or Reservoir Level Monitoring



Ultrasonic Sensors | **K50UX1RA** **K50UX2RA**

Vehicle Detection



M-GAGE™ Sensors | **DX80N9X1W0P0ZTD** **DX80N2X1W0P0ZTD** **DX80DR9M-HMD** **DX80DR2M-HMD**

Asset Tracking or Location



GPS50M Receiver



Antennas

Enclosures





Inline Motion Switch



Daylight Visible Indication

Additional accessories are available from Banner Engineering, please contact your local Representative for assistance or visit our website at www.bannerengineering.com.

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