



## Creating Safe Work Solutions During COVID-19

# STARTERKIT9700-TH-V

### ▶ PRODUCTS FOR INDUSTRIAL AUTOMATION



StarterKit  
 900MHz  
 DXM700  
 Temperature/Humidity Monitoring  
 Verizon  
 Part Number: 810249





### SPECIFICATIONS

<b>Feature: Hazardous Area</b>	No
<b>Application: Relative Humidity Input</b>	Yes
<b>Application: Temperature Input</b>	Yes
<b>EtherNet/IP</b>	Yes
<b>Modbus RTU</b>	No
<b>Modbus/TCP</b>	No
<b>RS-232</b>	No
<b>RS-485</b>	No
<b>Wireless</b>	Yes
<b>Wireless Radio Frequency</b>	900 MHz
<b>Max Op. Temperature (°C)</b>	70

<b>Voltage</b>	24 V dc
<b>Power Supply</b>	24 V dc 1.0 Amp
<b>Min Op. Temperature (°C)</b>	-40
<b>Relative Humidity</b>	90% at 50° C
<b>Ships With Battery</b>	Yes
<b>Battery Type/Size</b>	Lithium AA
<b>Tree Topology</b>	No
<b>Star Topology</b>	Yes
<b>Point-to-Point Topology</b>	Yes
<b>Point-to-Multipoint Topology</b>	No

## COMPATIBLE PRODUCTS

### WIRELESS ANTENNAS









	<p><b>BWA-902-D</b></p> <p>Antenna 900 MHz 2 dBi Omni Dome RPSMA Box Mount&lt;BR&gt;18 in Cable</p>
	<p><b>BWA-905-C</b></p> <p>Antenna Omni 900MHz&lt;BR&gt;5 dBi Rubber Swivel&lt;BR&gt;RP-SMA MALE</p>
	<p><b>BWA-906-AS</b></p> <p>BWA-906-AS Antenna Omni 900MHz 6 dBi Fiberglass 23.6 in N female</p>
	<p><b>BWA-9Y10-A</b></p> <p>Antenna Yagi 900MHz&lt;BR&gt;10 dBd/12.2 dBi&lt;BR&gt;N FEMALE</p>

### WIRELESS ANTENNA CABLES

	<p><b>BWC-1MRSMN05</b></p> <p>Cable Antenna LMR200&lt;BR&gt;RP-SMA TO N Male&lt;BR&gt;0.5 m</p>
---	---

	<p><b>BWC-2MRSFRS6</b></p> <p>Cable Antenna PFP195&lt;BR&gt;RP-SMA Male to RP-SMA Female&lt;BR&gt;20 ft</p>
	<p><b>BWC-4MNFN6</b></p> <p>Cable Antenna LMR400&lt;BR&gt;N Male to N Female&lt;BR&gt;6 m</p>

## BRACKET

	<p><b>BWA-AH10DR</b></p> <p>Accessory: DIN Rail Kit 10 inch&lt;BR&gt;(Includes Two Trilobular Screws and DIN Rail)</p>
	<p><b>BWA-AH12DR</b></p> <p>Accessory: DIN Rail Kit 12 inch (includes Two Tribolar Screws and DIN Rail)</p>
	<p><b>BWA-AH8DR</b></p> <p>Accessory: DIN Rail Kit 8 inch (includes Two Tribolar Screws and DIN Rail)</p>
	<p><b>BWA-BK-011</b></p> <p>BRACKET Q45 MAGNET MOUNT BACKSIDE</p>
	<p><b>BWA-BK-013</b></p> <p>Bracket: Mounting for QM30VT&lt;BR&gt;410SS Bracket NdFeB Grade 45H Disc Insert&lt;BR&gt;2 sets of 304 SS Screw Packs</p>
	<p><b>SMB30A</b></p> <p>Bracket: Right Angle Mounting&lt;BR&gt;Material: 12 Gauge Stainless Steel&lt;BR&gt;Curved mounting slot for versatility/orientation &lt;BR&gt;Clearance for M6 (1/4 in.) hardware</p>
	<p><b>SMB30SC</b></p> <p>Bracket: Compact 30 mm Swivel&lt;BR&gt;Black reinforced thermoplastic polyester&lt;BR&gt;Wide Range of Articulation &lt;BR&gt;Hardware included</p>
	<p><b>BWA-BK-019</b></p> <p>Bracket: Magnetic Mounting Round Surfaces for QM30VT&lt;BR&gt;Aluminum Bracket SmCo Circular Insert&lt;BR&gt;304 SS Screw Pack</p>

**BWA-BK-010**

ROUND SURFACE MAGNETIC MOUNT Q45 BASE

**GENERAL ENCLOSURES****BWA-AH1084**

Polycarbonate Enclosure<BR>with Opaque Cover<BR>10 in x 8 in x 4 in

**BWA-AH12106**

Polycarbonate Enclosure<BR>with Opaque Cover<BR>12 in x 10 in x 6 in in

**BWA-AH864**

Polycarbonate Enclosure<BR>with Opaque Cover<BR>8 in x 6 in x 4 in

**BATTERY****BWA-BATT-006**

Replacement battery Kit<BR>3.6V 2.4 Ah AA Lithium Cell quantity 2

**CONNECTED DATA SOLUTIONS****WEB SOFTWARE SERVICE STANDARD**

Connected Data Solutions Standard Package<BR>Data Storage, Condition Based Alerts, and Visualization<BR>Push Maximum: 4000 Data Points per Hour<BR>Total Storage: 20 Million Data Points (Minimum 6 Months)<BR>12 Month Subscription Plan









**WEB SOFTWARE SERVICE-PREMIUM**

Connected Data Solutions Premium Package<BR>Data Storage, Condition Based Alerts, and Visualization<BR>Push Maximum: 12000 Data Points per Hour<BR>Total Storage: 100 Million Data Points (Minimum 12 Months)<BR>12 Month Subscription Plan


**WEB SOFTWARE SERVICE-STARTER**

Connected Data Solutions Starter Package<BR>Data Storage, Condition Based Alerts, and Visualization<BR>Push Maximum: 1000 Data Points per Hour<BR>Total Storage: 2 Million Data Points (Minimum 3 Months)<BR>12 Month Subscription Plan


**Q45 ALL-IN-ONE KITS FOR PREDICTIVE MAINTENANCE**

	<p><b>DX80N9Q45PS150G</b></p> <p>Wireless Q45 900 MHz&lt;BR&gt;with Integrated 0-150 PSI Gauge&lt;BR&gt;Pressure Sensor</p>
	<p><b>DX80N9Q45PS50G</b></p> <p>Wireless Q45 900 MHz&lt;BR&gt;with Integrated 0-50 PSI&lt;BR&gt;Gauge Pressure Sensor</p>
	<p><b>DX80N9Q45TA</b></p> <p>Wireless Q45 900 MHz&lt;BR&gt;with Integrated Temperature&lt;BR&gt;1.8m Thermistor Cable</p>
	<p><b>DX80N9Q45THA</b></p> <p>Wireless Q45 900 MHz&lt;BR&gt;with Integrated Temperature and Humidity</p>
	<p><b>DX80N9Q45UAA</b></p> <p>Wireless Q45 with Type-A Ultrasonic Sensor Built-In&lt;BR&gt;Range: 100mm to 1m; 900 MHz 1 W&lt;BR&gt;Four Color LED Indicator Light</p>
	<p><b>DX80N9Q45UAC</b></p> <p>Wireless Q45 with Type-C Ultrasonic Sensor Built-In&lt;BR&gt;Range: 300mm to 3m; 900 MHz 1W&lt;BR&gt;Four Color LED Indicator Light</p>
	<p><b>DX80N9Q45VA</b></p> <p>Wireless Q45 Node&lt;BR&gt;with Integrated Vibration &amp; Temperature Sensor&lt;BR&gt;900 MHz 1 W</p>
	<p><b>DX80N9Q45VA-BK</b></p> <p>Wireless Q45 Node Kit Containing:&lt;BR&gt;DX80N9Q45VA (802367) BWA-BK-009 (805978)&lt;BR&gt;BWA-BK-010 (805995)</p>

## Q45 NODES FOR PREDICTIVE MAINTENANCE

	<p><b>DX80N9Q45VTP</b></p> <p>Wireless Q45 Vibration and Temperature Node&lt;BR&gt;with 1-wire Serial Interface 900 MHz 1W&lt;BR&gt;Pre-Configured Dip Switch Settings for VT1&lt;BR&gt;Vibration and Temperature Sensor Sold Separately</p>
---	--

## QM30VT VIBRATION SENSOR

	<p><b>QM30VT1</b></p> <p>Vibration and Temperature Sensor&lt;BR&gt;1-Wire Serial Interface&lt;BR&gt;2.09 m (6.9 ft) Quick Disconnect Cable, Aluminum Housing</p>
---	--



**BWA-BK-009**

Bracket: Bracket and Screws Mount Kit, Q45VA



Banner Engineering Corp. | 9714 Tenth Avenue North | Minneapolis, MN 55441 | United States of America