

## ViewPoint® VPx Pro 6 900 MHz Sensor Kits for Specific Input Types

The ViewPoint VPx Professional 6 (VPx Pro 6) Sensor is Mesa Laboratories' latest-generation wireless data transmitter and an integral part of a ViewPoint Continuous Monitoring System, capable of monitoring multiple environmental parameters with high accuracy. A 6th-generation design, the VPx Professional Sensor is backwards-compatible with our 4th and 5th generation CheckPoint G4 and VPx systems. The flexible, modular design with four input ports coupled with exchangeable, external probes permits real-time continuous monitoring of a wide range of parameters, including custom applications, using a single, highly versatile sensor unit.

Each ViewPoint VPx Professional 6 Sensor (900 MHz) Kit includes a VPx Pro 6 Sensor, relevant input probes or ancillary sensor devices and necessary accessory components to install, set up and measure several different input types. For probe specifications, please refer to the document *VPx Pro 6 Probe Accuracy Specification Sheet & Calibration Policy*.

Kit Description	Part Number
VPx Pro 6 900MHz Sensor RTD Standard Temperature Kit	DS-VP-PRO-900-S-TEMP-KIT
VPx Pro 6 900MHz Sensor Dual RTD Standard Temperature Kit	DS-VP-PRO-900-S-TEMP-TEMP-KIT
VPx Pro 6 900MHz Sensor RTD Cryo Temperature Kit	DS-VP-PRO-900-S-CRYO-KIT
VPx Pro 6 900MHz Sensor Dual RTD Cryo Temperature Kit	DS-VP-PRO-900-S-CRYO-CRYO-KIT
VPx Pro 6 900MHz Sensor RTD Pyro Temperature Kit	DS-VP-PRO-900-S-PYRO-KIT
VPx Pro 6 900MHz Sensor Digital Snap Temperature / Humidity Kit	DS-VP-PRO-900-S-DI-TEMP-HUMI-KIT
VPx Pro 6 900MHz Sensor Digital Snap Differential Pressure Kit	DS-VP-PRO-900-S-DI-DP-KIT
VPx Pro 6 900MHz Sensor Analog Carbon Dioxide (CO2) Kit	DS-VP-PRO-900-S-MA-CO2-KIT
VPx Pro 6 900MHz Sensor Analog Carbon Dioxide (CO2) RTD Temperature Kit	DS-VP-PRO-900-S-MA-CO2-TEMP-KIT
VPx Pro 6 900MHz Sensor Analog Differential Pressure Kit	DS-VP-PRO-900-S-MA-DP-KIT
VPx Pro 6 900MHz Sensor Analog Oxygen (O2) Kit	DS-VP-PRO-900-S-MA-O2-KIT
VPx Pro 6 900MHz Sensor Analog 4-20mA Kit	DS-VP-PRO-900-S-MA-KIT
VPx Pro 6 900MHz Sensor Analog 0-5V Kit	DS-VP-PRO-900-S-VOLT-KIT

Table 1 ViewPoint VPx Pro 6 900 MHz Sensor Kits for Specific Input Types

## ViewPoint VPx Pro 6 900 MHz Sensor Kit Descriptions

**ViewPoint VPx Pro 6 900 MHz Sensor RTD Standard Temperature Kit (part # DS-VP-PRO-900-S-TEMP-KIT)**

**Application Range, RTD Temperature Probe: -25 °C to +100 °C**

Kit contains VPx Pro 6 Sensor unit, calibrated RTD temperature probe with calibration certificate, thermal buffer and mounting accessories.

Kit Item Part Number	Kit Item Description	Quantity
DS-VP-PRO-900-S	ViewPoint VPx Pro 6 Sensor (900 MHz) – includes cradle and lithium batteries	1
CM-000188	Probe, RTD, 1K ohm, SS, 4-Wire, 12ft, VPx CAL Certificate	1
TWA158	1" x 2.5" Black Mated Velcro Pair for Bottles	1
TWA200A	Single Bottle with BioTherm Fluids PGX and MSDS	1
166199	Adhesive Cable Tie Mount	1
CBLTIE	Cable Tie, 8", Black	2
CM-000190	Plastics, Glycol Bottle Cap with 0.185 inch RTD Hole	1

**ViewPoint VPx Pro 6 Sensor Dual RTD Standard Temperature Kit (part # DS-VP-PRO-900-S-TEMP-TEMP-KIT)**  
**Application Range, RTD Temperature Probe: -25 °C to +100 °C**

Kit contains VPx Pro 6 Sensor unit, two (2) calibrated RTD temperature probes with calibration certificates, thermal buffer and mounting accessories.

Kit Item Part Number	Kit Item Description	Quantity
DS-VP-PRO-900-S	ViewPoint VPx Pro 6 Sensor (900 MHz) – includes cradle and lithium batteries	1
CM-000188	Probe, RTD, 1K ohm, SS, 4-Wire, 12ft, VPx CAL Certificate	2
TWA158	1" x 2.5" Black Mated Velcro Pair for Bottles	2
TWA200A	Single Bottle with BioTherm Fluids PGX and MSDS	2
166199	Adhesive Cable Tie Mount	2
CBLTIE	Cable Tie, 8", Black	4
CM-000190	Plastics, Glycol Bottle Cap with 0.185 inch RTD Hole	2

**ViewPoint VPx Pro 6 900MHz Sensor RTD Cryo Temperature Kit (part # DS-VP-PRO-900-S-CRYO-KIT)**  
**Application Range, Cryogenic RTD Probe: -200 °C to -20 °C**

Kit contains VPx Pro 6 Sensor unit, calibrated cryogenic RTD temperature probe with calibration certificate and mounting accessories.

Kit Item Part Number	Kit Item Description	Quantity
DS-VP-PRO-900-S	ViewPoint VPx Pro 6 Sensor (900 MHz) – includes cradle and lithium batteries	1
CM-000079	Probe, RTD, 1K ohm, SS, 4-Wire, Cryo, 12ft, VPx CAL Certificate	1
166199	Adhesive Cable Tie Mount	1
CBLTIE	Cable Tie, 8", Black	2

**ViewPoint VPx Pro 6 900MHz Sensor Dual RTD Cryo Temperature Kit (part # DS-VP-PRO-900-S-CRYO-CRYO-KIT)**  
**Application Range, Cryogenic RTD Probe: -200 °C to -20 °C**

Kit contains VPx Pro 6 Sensor unit, two (2) calibrated cryogenic RTD temperature probes with calibration certificates and mounting accessories.

Kit Item Part Number	Kit Item Description	Quantity
DS-VP-PRO-900-S	ViewPoint VPx Pro 6 Sensor (900 MHz) – includes cradle and lithium batteries	1
CM-000079	Probe, RTD, 1K ohm, SS, 4-Wire, Cryo, 12ft, VPx CAL Certificate	2
166199	Adhesive Cable Tie Mount	2
CBLTIE	Cable Tie, 8", Black	4

**ViewPoint VPx Pro 6 900MHz Sensor RTD Pyro Temperature Kit (part # DS-VP-PRO-900-S-PYRO-KIT)****Application Range, Pyrogenic RTD Probe: +90 °C to +300 °C**

Kit contains VPx Pro 6 Sensor unit, calibrated pyrogenic RTD temperature probe with calibration certificate and mounting accessories.

Kit Item Part Number	Kit Item Description	Quantity
DS-VP-PRO-900-S	ViewPoint VPx Pro 6 Sensor (900 MHz) – includes cradle and lithium batteries	1
CM-000110	Probe, RTD, 1K ohm, SS, 4-Wire, Pyro, 6ft, VPx CAL Certificate	1
166199	Adhesive Cable Tie Mount	1
CBLTIE	Cable Tie, 8", Black	2

**ViewPoint VPx Pro 6 900MHz Sensor Digital Snap Temperature / Humidity Kit (part # DS-VP-PRO-900-S-DI-TEMP-HUMI-KIT)****Application Range, Digital Snap Temperature / Humidity Probe: +10 °C to +40 °C and 10% RH to 90% RH**

Kit contains VPx Pro 6 Sensor unit, calibrated digital (I2C) temperature / humidity probe with calibration certificate, probe adapter and mounting accessories.

Kit Item Part Number	Kit Item Description	Quantity
DS-VP-PRO-900-S	ViewPoint VPx Pro 6 Sensor (900 MHz) – includes cradle and lithium batteries	1
72112	G4 Temp/Humidity Probe Only	1
CM-000164	Adapter, I2C, RJ11 to Hirose Snap Connector	1
166199	Adhesive Cable Tie Mount	1
CBLTIE	Cable Tie, 8", Black	2

**ViewPoint VPx Pro 6 900MHz Sensor Digital Snap Differential Pressure Kit (part # DS-VP-PRO-900-S-DI-DP-KIT)****Application Range, Digital Snap Differential Pressure Probe: ± 0.5 in H<sub>2</sub>O (Inches of Water)**

Kit contains VPx Pro 6 Sensor unit, calibrated digital (I2C) differential pressure probe with calibration certificate, probe adapter, faceplate, tubing to route to environment being monitored and mounting accessories.

Kit Item Part Number	Kit Item Description	Quantity
DS-VP-PRO-900-S	ViewPoint VPx Pro 6 Sensor (900 MHz) – includes cradle and lithium batteries	1
CM-000385	Probe, VPx, Differential Pressure, Digital, Low Power, Calibrated	1
CM-000383	Adapter, I2C, VPx RJ11 to Differential Pressure Probe Snap Connector	1
166199	Adhesive Cable Tie Mount	1
CBLTIE	Cable Tie, 8", Black	1
166639	Flex PVC Tubing, 5/32 ID x 7/32 OD x 1/32 Wall	20 ft
166691	Differential Pressure Faceplate	2
TWA157	1.5" x 3.5" Mated Velcro Pair	1

**ViewPoint VPx Pro 6 900MHz Sensor Analog Carbon Dioxide (CO<sub>2</sub>) Kit (part # DS-VP-PRO-900-S-MA-CO2-KIT)**  
**Application Range, Analog CO<sub>2</sub> Probe: 0.0% to 20.0% CO<sub>2</sub>**

Kit contains VPx Pro 6 Sensor unit, calibrated analog (4-20 mA) CO<sub>2</sub> probe with calibration certificate, a 4-20 mA analog input connector, required AC/DC power supply and mounting accessories.

Kit Item Part Number	Kit Item Description	Quantity
DS-VP-PRO-900-S	ViewPoint VPx Pro 6 Sensor (900 MHz) – includes cradle and lithium batteries	1
CM-000355	4-20mA CO <sub>2</sub> Interconnect Assembly ONLY - NO PROBE	1
CM-000373	Probe, CO <sub>2</sub> , 0-20%, 4-20mA, Calibrated, ONLY	1
TWA22	Power Supply, 24VDC, AC/DC Wall Adaptor	1
CM-000173	Connector, VPx Analog Input Plug	1
166199	Adhesive Cable Tie Mount	2
CBLTIE	Cable Tie, 8", Black	4
TWA157	1.5" x 3.5" Mated Velcro Pair	1
TWA158	1" x 2.5" Black Mated Velcro Pair for Bottles or G3 Sensor	1

**ViewPoint VPx Pro 6 900MHz Sensor Analog Carbon Dioxide (CO<sub>2</sub>) RTD Temperature Kit (part # DS-VP-PRO-900-S-MA-CO<sub>2</sub>-TEMP-KIT)**

**Application Range, Analog CO<sub>2</sub> Probe: 0.0% to 20.0% CO<sub>2</sub>**

**Application Range, RTD Temperature Probe: -25 °C to +100 °C**

Kit contains VPx Pro 6 Sensor unit, one (1) calibrated analog (4-20 mA) CO<sub>2</sub> probe and one (1) calibrated RTD temperature probe with calibration certificates, a 4-20 mA analog input connector, required AC/DC power supply and mounting accessories.

Kit Item Part Number	Kit Item Description	Quantity
DS-VP-PRO-900-S	ViewPoint VPx Pro 6 Sensor (900 MHz) – includes cradle and lithium batteries	1
CM-000355	4-20mA CO <sub>2</sub> Interconnect Assembly ONLY - NO PROBE	1
CM-000373	Probe, CO <sub>2</sub> , 0-20%, 4-20mA, Calibrated, ONLY	1
TWA22	Power Supply, 24VDC, AC/DC Wall Adaptor	1
166199	Adhesive Cable Tie Mount	2
CBLTIE	Cable Tie, 8", Black	4
TWA157	1.5" x 3.5" Mated Velcro Pair	1
TWA158	1" x 2.5" Black Mated Velcro Pair for Bottles or G3 Sensor	1
CM-000173	Connector, VPx Analog Input Plug	1
CM-000188	Probe, RTD, 1K ohm, SS, 4-Wire, 12ft, VPx CAL	1

**ViewPoint VPx Pro 6 900MHz Sensor Analog Differential Pressure Kit (part # DS-VP-PRO-900-S-MA-DP-KIT)**  
**Application Range, Analog Differential Pressure Probe: ± 0.25 in H<sub>2</sub>O (Inches of Water)**

Kit contains VPx Pro 6 Sensor unit, calibrated analog (4-20 mA) differential pressure probe with calibration certificate, faceplate, tubing to route to environment being monitored, required AC/DC power supply and mounting accessories.

Kit Item Part Number	Kit Item Description	Quantity
DS-VP-PRO-900-S	ViewPoint VPx Pro 6 Sensor (900 MHz) – includes cradle and lithium batteries	1
CM-000046	VPx, 4-20mA Differential Pressure Assembly (includes probe)	1
166199	Adhesive Cable Tie Mount	1
CBLTIE	Cable Tie, 8", Black	2
166639	Flex PVC Tubing, 5/32 ID x 7/32 OD x 1/32 Wall	20 ft
166691	Differential Pressure Faceplate	2
TWA157	1.5" x 3.5" Mated Velcro Pair	2
TWA22	Power Supply, 24VDC, AC/DC Wall Adaptor	1

**ViewPoint VPx Pro 6 900MHz Sensor Analog Oxygen (O<sub>2</sub>) Kit (part # DS-VP-PRO-900-S-MA-O<sub>2</sub>-KIT)**  
**Application Range, PureAire analog (4-20 mA) Oxygen sensor: 0 – 25 % O<sub>2</sub>**

Kit contains VPx Pro 6 Sensor unit, a Pureaire analog (4-20 mA) Oxygen sensor, the VPx analog cable to connect the Oxygen sensor to the VPx Pro 6 Sensor and required AC/DC power supply.

Kit Item Part Number	Kit Item Description	Quantity
DS-VP-PRO-900-S	ViewPoint VPx Pro 6 Sensor (900 MHz) – includes cradle and lithium batteries	1
166088	Oxygen Sensor PureAire with 4-20 WS	1
CM-000284	VPx, Cable, Analog 0-20mA 0-30VDC	1
TWA22	Power Supply, 24VDC, AC/DC Wall Adaptor	1

**ViewPoint VPx Pro 6 900MHz Sensor Analog 4-20 mA Kit (part # DS-VP-PRO-900-S-MA-KIT)**

Kit contains VPx Pro 6 Sensor unit, the VPx analog cable to connect any compatible equipment that supports an analog 4-20 mA output and mounting accessories.

Kit Item Part Number	Kit Item Description	Quantity
DS-VP-PRO-900-S	ViewPoint VPx Pro 6 Sensor (900 MHz) – includes cradle and lithium batteries	1
166199	Adhesive Cable Tie Mount	1
CM-000284	VPx, Cable, Analog 0-20mA 0-30VDC	1
CBLTIE	Cable Tie, 8", Black	2

### VPx Pro 900MHz Sensor Analog 0-5V Kit (part # DS-VP-PRO-900-S-VOLT-KIT)

Kit contains VPx Pro 6 Sensor unit, the VPx analog cable to connect any compatible equipment that supports an analog 0-5 VDC output and mounting accessories.

Kit Item Part Number	Kit Item Description	Quantity
DS-VP-PRO-900-S	ViewPoint VPx Pro 6 Sensor (900 MHz) – includes cradle and lithium batteries	1
166199	Adhesive Cable Tie Mount	1
CM-000284	VPx, Cable, Analog 0-20mA 0-30VDC	1
CBLTIE	Cable Tie, 8", Black	2