

QuickPoint Guide: d-MPBX



April 2020

Installation Instructions:

YieldPoint's increasingly popular d-MPBX has been redesigned primarily to make installation even easier. The anchors are designed to operate in a 38mm (1.5") to 51mm (2.0") borehole.

Beware of the spring extremities at each anchor point. There are 4 of them and they are very sharp. DO WEAR GLOVES during uncoiling.

Step 1: Uncoil the -MPBX if it was coiled. Do this gradually, starting by the last plastic tie and letting the MPBX open slowly without hitting anything. This is a high precision instrument.

Step 2: Check that the spring anchors have not become flattened during transport. If they have they can be bent back to position. The user has some latitude to modify the springs to operate in different size holes.

Step 3. Take a manual reading with a d-reader or a BluLink + Android smart phone. You will need the BluPoint application found in *GooglePlay* under that name. Record the unique ID and check that each anchor reads in the region of 10mm (+/-5mm).



dReader



BluLink Bluetooth Logger

Step 4: Back off the wing nut at the head as far as it will go.



Step 5: Important. Ensure that the borehole is free of debris and obstructions. Check that the length is as expected. Remember. **THE DEVICE CANNOT BE RETRIEVED ONCE PARTLY INSTALLED.**

Step 6: Insert the instrument into the borehole, using a smooth action, until the washer is flush with the borehole collar. Note: the aluminum tube represents the borehole.



Step 7: Take a manual reading (10mm +/-). Tighten the wingnut manually by approximately 10mm which pulls back on the anchor springs providing a positive seating. As this occurs the anchor readings will increase from about 10mm to about 20mm +/-.



Step 8: The collar of the borehole can be secured with rock bolt epoxy resin or/and adhesive if required.

Step 9: Secure the stainless steel lead wire to the back as strain relief so that it does not hang on the instrument.

Step 10. Using BluGateways you can direct data from the BluLink devices to the VantagePoint database for both tabulated and graphic formats.



YieldPoint Inc. 700 Progress Avenue, Kingston ON. sales@yieldpoint.com

- Receives instruments data via BLE5 Bluetooth
- Stores 30,000 ID tagged and date/time stamped readings
- Communicates with 4G LTE network
- For data connection the gateway is configured with an APN. It is necessary to obtain the carrier's APN
- The carrier will determine what type of network connection must be created: IP address, security methods, connection to private customer network.
- Also available with WiFi.



Note: BluGateway uses a Nano SIM Card!

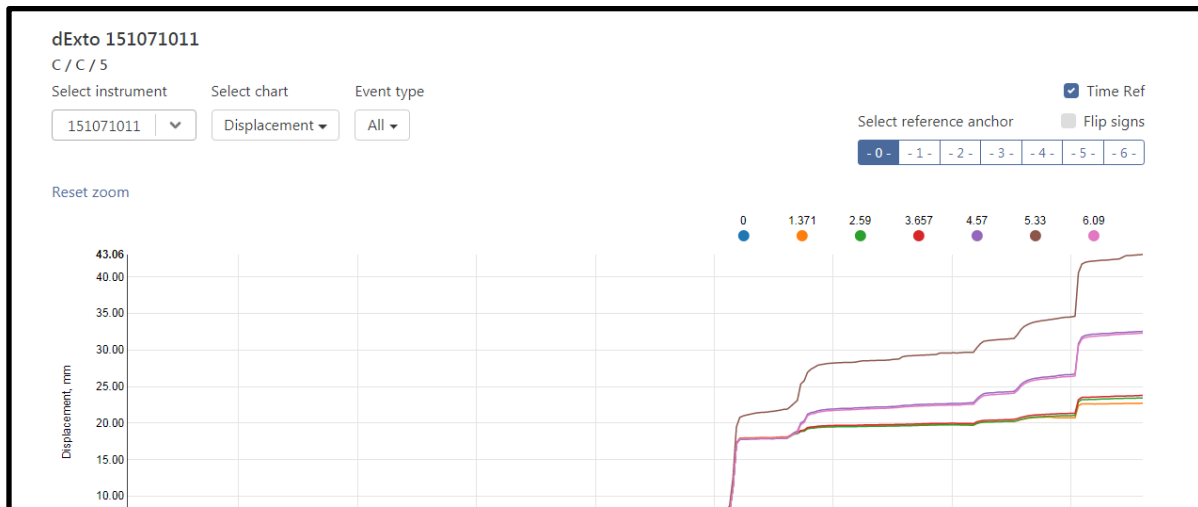
VantagePoint online or server-based platform.

dExto 160371010

Select instrument: 160371010 Rows: 20

Export data Import data

Date	0	0.253	0.506	0.76	1.013	1.266	1.52	Temperature	+ New
2016-05-19 10:00:44	0.00	20.63	20.95	21.07	20.87	20.57	20.56	34.9	
2016-05-19 11:00:43	0.00	20.64	20.94	21.05	20.86	20.57	20.54	35	
2016-05-19 12:00:43	0.00	20.64	20.95	21.07	20.87	20.57	20.55	35	
2016-05-19 13:00:43	0.00	20.64	20.94	21.05	20.86	20.56	20.54	35	
2016-05-19 14:00:43	0.00	20.63	20.94	21.06	20.87	20.56	20.54	35	
2016-05-19 15:00:43	0.00	20.63	20.94	21.05	20.86	20.57	20.54	35	
2016-05-19 16:00:43	0.00	20.62	20.93	21.07	20.87	20.57	20.55	35	
2016-05-19 17:00:42	0.00	20.63	20.94	21.05	20.85	20.56	20.54	35	





YieldPoint Inc. 700 Progress Avenue, Kingston ON. sales@yieldpoint.com