



## DATA LOGGER DIGITAL CRYSTAL NVISION

### ***Dimensions***

Length(mm).....: 178                                      Width(mm).....: 58                                      Height(mm).....: 110  
 Weight (kg).....: 1

### ***Area of use / certification***

Onshore/offshore.....: Offshore  
 Standard.....: ATEX, IECEx intrinsically safe. IP67 enclosure

### ***Type***

Fabricator.....: Crystal Engineering Corporation  
 Model.....: nVision  
 Serial no.....: 474255

### ***Flow / Pressure / Volume***

P-max (bar).....: 1000  
 Minimum temp. (GrC).....: -40  
 Max temp. (GrC).....: 75

### ***Power supply***

Battery.....: Four size AA (LR6) batteries. Non rechargeable. Estimated life 200 hrs

### ***Connections***

Inlet connection.....: Medium pressure Female (MPF) 1/4"

### ***Additional information***

Equipment / Functions.....: No need to stop a test to analyse data on PC.  
 Live data can be displayed graphically, with the ability to zoom into specific events, or zoom out to get a big picture of your test.

Operating ambient temperature: -20grC -> +50grC

ACCURACY:  
 Pressure: 0,1% of reading  
 Temperature: +/-0,015% of reading + 0,02 ohm

- Calibrate pressure transducers, switches, transmitters and gauges
- Calibrate natural gas correctors and flow computers
- Pressure relief valve testing
- Field datalogging of pressure and temperature
- Record water hammer events
- Leak testing with simultaneous graphing of pressure and temperature
- Temperature monitoring and recording
- Pass/fail events for pressure bearing vessels such as gas cylinder, flow meter, etc.