



nVision Introduction

Thank you for choosing the nVision Reference Pressure Recorder from Crystal Engineering Corporation. Your nVision is a combination of leading edge technology and rugged industrial design. nVision, coupled with CrystalControl Software, allows you to make nVision exactly what you need it to be.

CrystalControl Configuration Software

CrystalControl enables you to custom configure your nVision to tailor it suit your needs. With only a mini USB B cable and a computer running Microsoft Windows* the CrystalControl Configuration Software allows you to customize your nVision to suit your specific needs and applications.

Installation

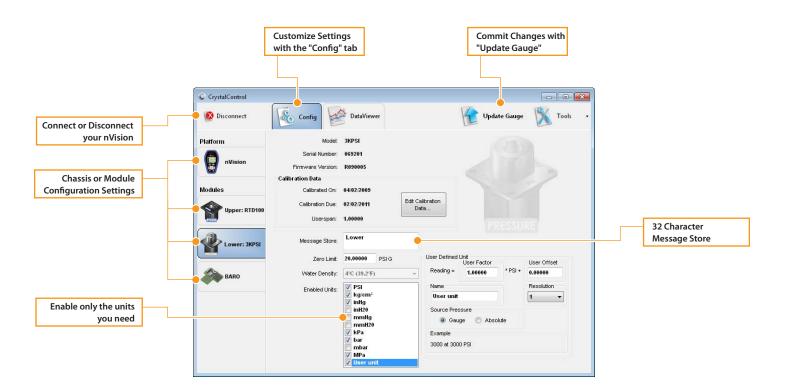
CrystalControl is distributed as a self-extracting Setup application. Insert the enclosed CD and launch CrystalControlSetup.exe. Follow the on-screen prompts for installation.

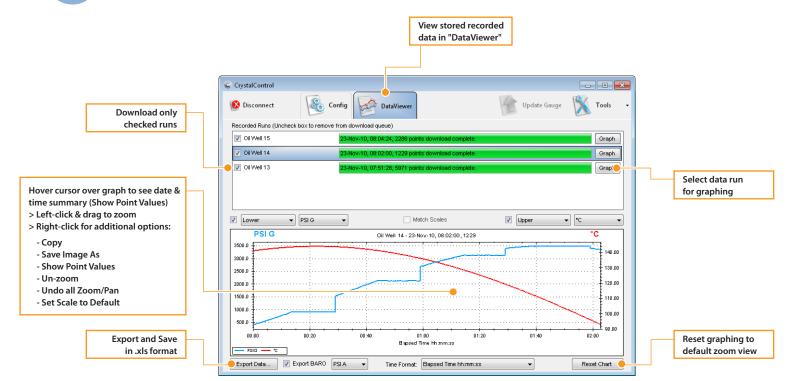
Software is also available from the Crystal Engineering website: www.crystalengineering.net/downloads.

Microsoft Windows XP [SP3], Windows Vista [SP2] or Windows 7 Enterprise. Microsoft, Windows, XP, Vista or 7 is either a registered trademark or trademark of Microsoft Corporation in the United States and/or other countries.

CrystalControl **Configuration** Screen











We hope your nVision meets your expectations, and we're interested in any comments or suggestions you may have. You can send us a note at sales@crystalengineering.net.

Many features in this and our other products are a direct result of your comments!

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Visit us on the web at www.crystalengineering.net





Button Functions

Display Options

nVision Quick Start Guide

Depending on your particular configuration your nVision

may physically look different than the model shown, and all

the nVision Operation Manual located on your nVision CD

(also available at www.crystalengineering.net/downloads).

descriptions are intended for general representation only. Some

settings can be enabled and disabled using the CrystalControl

software, and may not be visible on your model. For an in-depth

look at all functionality and options for the nVision, please refer to

nVision has several screen options depending upon how

the recorder is populated with modules. A summary of the available screen types is shown below. You may view the data in single or dual

mode (upper and lower modules simultaneously). Additionally, you

may view the data numerically or graphically to suit your needs.

This icon represents a component that can be

modified with **CrystalControl** software

Product Navigation & Operation

Next button:

Home button:

(Change Home Screen)

Turn on/off display backlight

(Adjust Backlight Shutoff)

Backlight button:

(Adjust Zero Limit)

Navigation & Select

Progress through the display screens

Brings you back to the default screen

Press to zero Pressure Module reading (----

Hold for 5 seconds to clear any zero value (- - -)

Setup Button: Locate additional features:

Upper Module Bay

- · Clear Peaks
- Units C (Adjust Available units) • PM Mode: Gauge or Absolute
- ▼ Settings Contrast · Lock/Unlock Chassis
- **▼** Summary
- · Chassis, Upper, Lower
- ▼ Recording Start/Stop · Erase All Runs

LED Indication alerts:

O: Flashes while recording (Flashes quickly when recording ends) : Flashes when an overpressure condition occurs

•REC

-REC

Back button:

Previous Display Screen Record button:

Start/Stop data recording (Adjust Logging Interval)

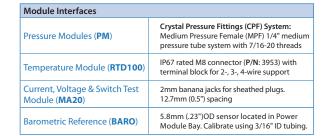
Power button: Turn your nVision on/off

Lower Module Bay

872.2

This icon represents a component that can be modified with County nVision Reference Recorder shown.

All instructions on this spread are also applicable to nVision Lab Reference



Power Icon K	ey - nVision R	eferenc	e Recor	der		
lcon	ψ.	ı			Ü	Ľ
Description	External Power (USB)	100%	75%	50%	25%	0%**
		Power Remaining				
		*Replace	Batterie	s or conn	ect to US	R Power

Power Icon Key - nVision Lab Reference					
lcon	Æ	⊉			
Description	External Power (AC Adapter)	USB Connection*			
	*USB Connection	n is for data transfer only			

Graphical: Upper Module Screen

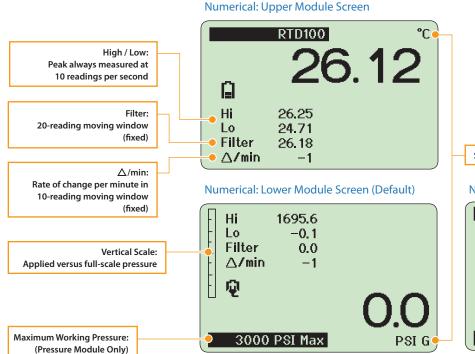
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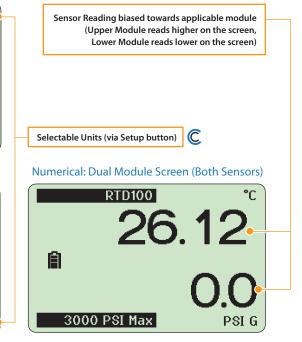
26.24

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18-Jun-10 09:17:00.0









In the graphical modes the nVision navipad enables you to control how you view your data.

Data Scroll

CRYSTAL

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Using the **4** & **b** keys allows you to navigate to specific points along your run, while displaying reading and time information.

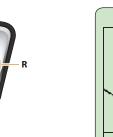
Graph Zoom

Using the **A** & **v** keys allows you to zoom in and out of your recorded run to suit your needs.

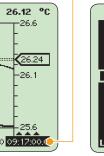
Graph Zoom

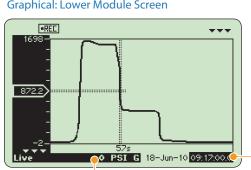
PSI G 18-Jun-1

Date & Time stamping



Graphical: Dual Module Screen (Both Sensors) **Graphical: Lower Module Screen**





Test safely with live readings annunciated regardless of cursor location or zoom level