Pyxis®

nanoVIEW

UC-10 NanoView Portable & Data Logging Terminal

Product Description

The NanoView UC-10 is a portable calibration, diagnostic, display, and data logging terminal for rapid and simple maintenance use with only Pyxis Lab sensors. The device serves as a convenient alternative to the use of mobile smart phones or laptops with the uPyxis mobile or desktop apps. The UC Nano offers simple to use in the field sensor diagnostics and calibration interface with live data visibility and trending, data logging and data transfer in a completely portable and robust design.

Designed for direct wired connection to both Pyxis 7-pin and 8-pin smart sensors, the NanoView UC-10 hosts a built-in 10,000mAh rechargeable lithium-ion battery and can directly power the Pyxis sensor for maintenance as well as continuous use and data logging for more than 24-hours. The device offers 32MB of data storage and can connect to any PC or Smart Device via USB for data recording and exporting as well as firmware upgrading and battery recharging. As an added value, the NanoView UC-10 comes standard with integrated low-power Bluetooth 5.0 and can be connected to the uPyxis mobile or deskop app for expanded functions.
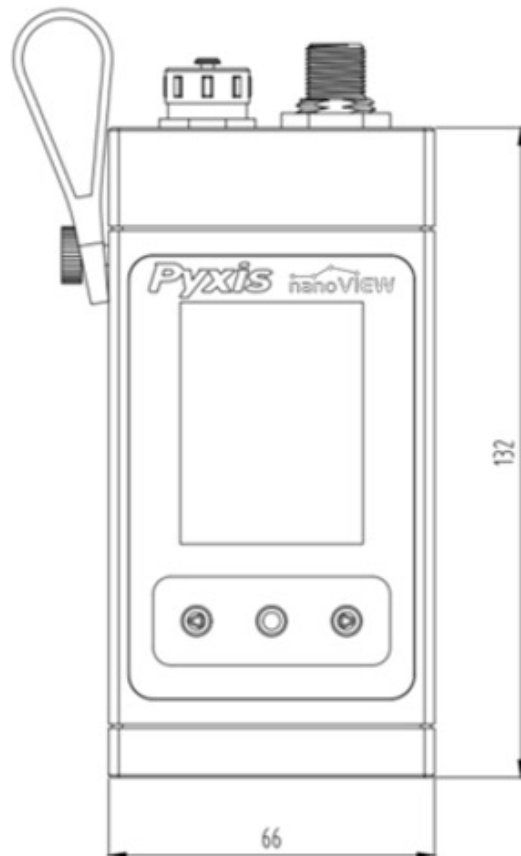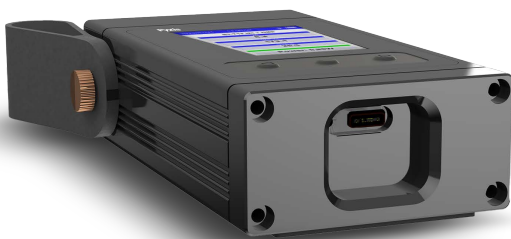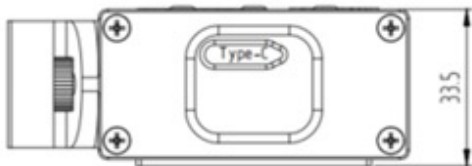
Features

- Portabe Pyxis Lab Sensor Powering, Diagnostics, Calibration, and Live Data Display
- Capable of Over 10,000 measured Values Storage with a Time and Date Stamp
- Portable & Small Design easily fits in the Pocket
- 2.4" Color Graphic Screen that can be Read in Direct Sunlight
- Ideal for Customers NOT able to use uPyxis Mobile or Desktop app for Sensor Maintenance
- USB-C Charging & Data Export
- Bluetooth® 5.0 Enabled for Users Desiring to use uPyxis Interface

Specifications

Item	UC-10 NanoView
P/N	43062
Op. Temperature	-10–60 ºC; 5–95% Relative Humidity
Storage Temperature	-20–70 ºC; 5–95% Relative Humidity, No Condensation
Protection	IP-65
Power	USB Type C, 5V/1A
Dimension	143L x 66W x 32D
Display	2.4' Color, 320x240 Resolution
Weight	367g
Data Export	USB Type-C, USB Drive
Bluetooth®	Bluetooth® 5.0 Connectivity with uPyxis
Input/Output	(1) RS-485 Modbus, Support Digital Sensor Communication, Suitable for 7/8-Pin Sensors
Battery(2)	10,000mAh, Standby Time >24 Hours Continuous (6-Month Warranty)
Data Log	One-Year Storage with Built-In 32M Flash Memory

Dimensions (mm)

Supported Pyxis Lab Sensors

The current NanoView UC-10 firmware supports use with the following Pyxis Lab sensors. Sensors will be added to this list and to obtain the latest firmware you may contact service@pyxis-lab.com.

NOTE To connect any Pyxis level sensor to NanoView UC-10, a CS-MS-FE-13 (P/N: 18630) conversion adapter cable is necessary. Contact **service@pyxis-lab.com** for purchase details.

Item	P/N	Measured Analyte	Unit	Pin Format
CR-300	51007	LPR Corrosion	General MPY / Pit Index	8
CR-301	51021	High Temp LPR Corrosion	General MPY / Pit Index	8
EM-500	50501	In-Vivo Chlorophyll a	ppb	7
HM-500	52101	Oil in Water	ppm	7
HM-510	52102	Oil in Water	ppm	7
HM-520	52106	Oil in Water	ppm	7
HM-600	52111	Organic Matter	ppm	7
LS-200	54011	Ultra-sonic Level	Volume / Distance	7-exp
LS-202	54002	Ultra-sonic Level	Volume / Distance	7-exp
LSR-801	54027	Radar Level	Volume / Distance	7-exp
LSR-802	NA	Radar Level	Volume / Distance	7-exp
ST-710/SS	53001 / 53030	pH	pH	7/8
ST-711/SS	53002 / 53031	ORP	mV	7/8
ST-712/SS	53003 / 53032	pH + ORP	pH / mV	7/8
ST-720	53101	Temp + Conductivity	oC / oF + µS/cm	7
ST-724	10009	Temp + Conductivity/Resistance	oC / oF + µS/cm	8
ST-725	53108	Temp + Conductivity/Resistance	oC / oF + µS/cm	8
ST-726	53114	Temp + Conductivity	oC / oF + µS/cm	7
ST-728	53117	Temp + Conductivity/Resistance	oC / oF + µS/cm	8
LT-631	53249	Turbidity	NTU	8
LT-632	53250	Turbidity	NTU	8
LT-633	10002	Turbidity	NTU	8
LT-635	53251	Suspended Solids	ppm	8
LT-736/B	53215 / 53223	Ultra-Low Turbidity	NTU	8
LT-737/B	53216 / 53224	Ultra-Low Turbidity	NTU	8
LT-739/B	53221 / 53225	Ultra-Low Turbidity	NTU	8
ST-500	50661	PTSA	ppb	7
ST-500RO	50669	Low Range PTSA	ppb	7
ST-525/SS	50665 / 50666	Fluorescein	ppb	7
ST-525HR	50914	Fluorescein High Range	ppb	7
ST-565/T	50664 / 50671	HST / TTA	ppm	7
ST-588	50692	PTSA + Fluorescent Polymer	ppb / ppm	8
ST-590	50690	Fluorescent Polymer	ppm	8
ST-600	50231	Bleach Chlorine Concentration	%	7
ST-601	50232	Chlorine Dioxide Concentration	%	7
ST-604	50233	Bleach Chlorine Concentration	%	7
ST-730	53201	Turbidity	NTU	7
ST-730B	53202	Turbidity	NTU	7
ST-731	53505	Turbidity	NTU	7
ST-735	53204	Turbidity	NTU	7
ST-750	53501	APHA Hazen Color	Degrees	7
ST-765SS-FCL	53607	Free Chlorine + pH	ppm / pH	8
ST-765SS-CLO	53608	Chlorine Dioxide + pH	ppm / pH	8
ST-772	53703	Dissolved Oxygen + Temperature	ppm / oC / oF	8
ST-773	50709	Dissolved Oxygen	ppm	7

Device Features

1. **Handle for ease of transportation**

2. **7-Pin Sensor Interface**

3. **8-Pin Sensor Interface**

4. **LCD Color Screen, Visible in Direct-Sunlight**

5. **(3) User Navigation Buttons**

6. **USB Type-C Interface for Charging**

Order Information

Order Information	Part Number
UC-10 NanoView™ *(Pocket Display & Data Logger)*	43062
CC-MS-FE-13 *(4m, 7-Pin Cable for Level Sensors Only for UC-10)*	18630