

SUNA1920

Version: V2

Operator:

Reference Update Time: 07-Jul-2025 07:56:40

Comment: Summary Report created automatically by the UCI Diagnostic Data Collection tool.

Ancillary	Value	Setting	Value
Firmware Revision	2.5.1	SerialBaudRate	57600
Total Disk Space (byte)	3954802688	OperationMode	Continuous
Free Disk Space (byte)	3762913280	FixedDuration	1800
Used Lamp Time (sec)	318796	FrameTransfer	FULL_ASCII
Clock Time	07 Jul 2025 08:16:16 UTC	FrameLogging	FULL_ASCII
USB Enabled	true	OperationControl	Samples
PCB Supervisor	true	CycleLightFrames	29
Analog Board	true	CycleDarkFrames	1
SDI12 Board	true	CycleLightDuration	58
Relay Board	false	CycleDarkDuration	2
Super Capacitors	true	Baseline	Linear
Scheduling	true	Adaptive Integration	On
Data Logging	true	Concentrations Fitted	N03_SW_TSW
APF Interface	false	Concentrations Available	3
Integrated Wiper	true	Bromide Trace	false
External Power Port	false	IntegPeriod (ms)	200
Lamp Switch Off Temperature	35	WavelenMin (nm)	217.0
		WavelenMax (nm)	240.0
		NO3DacMin (μM)	-5.0
		NO3DacMax (μM)	100.0
		SpectralInLightAvg	1
		SpectralInDarkAvg	1
		PeriodicInterval	1 hr
		PeriodicOffset	0
		PeriodicDuration	5
		PeriodicSamples	15
		LogFileType	By Sample Event
		LogFileMaxSz	5

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Configuration

SENSTYPE SUNA
SENSVERS V2
SERIALNO 1920
THEBRAND SeabirdCoastal
PATHLGTH 10mm
INTWIPER Available
EXTPPORT Missing
SUPRCAPS Available
PWRSVISR Available
USBSWTCH Available
RELAYBRD Missing
SDI12BRD Available
ANALGBRD Available
INTDATLG Available
APFIFACE Missing
SCHDLING Available
OWIRETLP 106829b703080017
OWIRETSP 10dab6ec030800ea
OWIRETHS 10973fb1030800a8
ZSPEC_SN 141171
FIBERLSN L21.E01.212709
CUSTOMID None
STUPSTUS Done
BAUDRATE 57600
MSGLEVEL Info
MSGFSIZE 2
DATFSIZE 5
OUTFRTYP Full_ASCII
LOGFRTYP Full_ASCII
OUTDRKFR Output
LOGDRKFR Output
LOGFTYPE Acquisition
AFILEDUR 60
ACQCOUNT 11
CNTCOUNT 0
DCMINNO3 -5.000
DCMAXNO3 100.000
WDAT_LOW 217.00
WDAT_HGH 250.00
SDI12ADD 48
DATAMODE Real
OPERMODE Continuous
OPERCTRL Samples
EXDEVTYP None
EXDEVPRE 15
EXDEVRUN Off
EXDVIVAL 0

Configuration

COUNTDWN 3
FIXDDURA 1800
PERDIVAL 1h
PERDOFFS 0
PERDDURA 5
PERDSMPL 15
POLLTOUT 15
APFATOFF 10.0000
STBLTIME 5
SKPSLEEP Off
LAMPTOFF 35
SPINTPER 200
DRKAVERS 1
LGTAVERS 1
DRKSMPLS 1
LGTSMPLS 29
DRKDURAT 2
LGTDURAT 58
TEMPCOMP Off
SALINFIT On
BRMTRACE Off
BL_ORDER 1
FITCONCS 3
DRKCORMT SpecAverage
A_CUTOFF 1.3000
INTPRADJ On
INTPRFAC 1
INTADSTP 5
INTADMAX 20
WFIT_LOW 217.00
WFIT_HGH 240.00
LAMPTIME 318796