

# **VuLink Quickstart Guide**

٥ -

				The letter	0	T character				
	Installing Installing	Intelectual Witnesselling		Map Sateline		1ga	into tanta	(Leases)	Last Reported	Contraction in c
Distance   Diverse Diver	el Dephilo Bater : Si Tersenatore : B Dephil			9 100 0	0	No tabe		delw/r 37301/01/22071000	Aug 20, 2018 1 10 PM	980
Passage get	0,4,5	Telliperature #1	115	60 - 00 - 10 - 10 - 10 - 10 - 10 - 10 -	•	No. No.	40211291	B2201391 HASSAU RVERINGAR TIEDHIA	Aug 20, 2014 10:26 AM	Local
		4.9	1	+	870	No. 164	1024930	DEDWIND BT JOHRS RVAR AT JACKSCHARUS	Aug 20, 3014 10 38 AM	Local
D * *1		145	1		(0)	1, ND4	OTO-MAKE A	SECHIERA-DUANI CREEK AF (XANIY CREEK RD	Aug 20, 2216 10 27 MM	Line
2 1		75.05	1	Corde manufact Grant an	Σ	N Nor	01423403	Anton 21425400	Aug 21, 2219 6.48 AM	100
	-			The ty hards	1	1, Mr.	(Georgian)	Selwar Of AUCTOL	Nog 73, 2274 8 49 AM	100
		11.10		restanded in the second		N site	267/1968	SAPUTSHA SOUTH PLATTE RVPR	Avg 20, 2014 10:26 MM	Lavel
11.00 34.00	6. Augu 13. Augu	J1 00 10.0e	t, tais (), kas	Direct Labert *		S. ste	06746293	INTHIGHT-JOE WRIGHT EINEDK ABOVE RESERVER	Aug 20, 2018 10 29 AM	Level
Depth #1		Level Depits to Water 414				No. 100	06746710	DATASY15.00 WINDOW CREEK BALLIN REISTANDA	Aug.20, 2016 10:30 AM	Local
		HLIMT .		elay terretokart in tay tot 1		5. NH	0479738	DEPUTYON IN CACHE LA POUCHE E BUR HALLIAM RES	Aug 30, 3016 10 32 AM	Loreff
		11.140	1	0 040x8151112112		1, see	06757-040	DRINING TREACHE LA POUCHE RAT LINERADE	Aug 25, 2214 10 22 AM	Local
		11.14	1	C ONTAILIDUCK WARDER CHEDRING		5, 804	66752366	DEPENDICACHE LA PONDRE INVER	Avg 20, 2014 10 28 AM	Level
		31,34		Invation Invation Invation Invation Invation		1, 100	04750280	INTEGRACINE LA POUDRE RIV MEROREUDER COM	Aug 20, 1014 10 34 AM	(pad)
		11.181		4040130001913021W /W/14A402		5. Me	6753388	ana 270200	Aug 23, 2216 917 AM	1000
15.04 85.04	A film 13. Hos	13.043 32.044	Alban (Alban	SHALP (14080) SHALP (		N_ site	87104888	strianco-rowstwa-cebox	Aug 20, 2018 10:24 AM	Lowert
				8 454713058191201-5% TM14448.1 .		5, 584	87249468	Series 17(29/00)	Aug 23, 2216 8:30 MM	180
				IP377600-Comite R at PL Hadson Id0009400-CARDN INVERIMENT LA		N. 100	67254800	arts a cryster	Aug 23, 2016 6 97 AM	1953
				a exercisi ner peccer non personal 📰		1, 50	67174058	NTN/N (72/1628	Aug 21, 2219 812 AM	1901
1	Create	a HydroV	'u acco	unt.		2		Go to the te	lemetry	r pag

drovu.com and create an account.

CIICK the telemetry page link in the menu on the left side of the page. Then click Add New.



Scan the code on your device, or type the IMEI number into the provided field on the telemetry page.



Follow the instructions on the next page of this quickstart guide. When your VuLink is connected to an instrument and ready to deploy, press the button on top.

# Setting Up Vulink

VuLink works with Aqua TROLL, Level TROLL, Baro TROLL, and Rugged TROLL instruments. Follow the steps below to connect an instrument and start transmitting data.



# Attach the antenna and remove the battery pull-tab.



Thread the antenna onto VuLink.



Remove the battery cover by twisting it counter-clockwise and pulling down.



Remove the yellow pull tab to allow current to flow through the batteries. Replace the cover.



All LEDs turn green. Then each LED changes color according to device status.



Never mix old and new batteries, or Lithium and alkaline batteries. Make sure all three batteries are installed in the same orientation.





# *Connect the instrument.*



Align the flat edge of the connector with the flat edge inside the cable.



Twist the cable until it clicks into the secure postion.



Connect the cable to your instrument.

# Press the button on the VuLink control panel.



VuLink connects to the new instrument and the data network.



VuLink connects to HydroVu or an FTP site.



All LEDs indicate current device status. See the section below for details.



Connecting to a cellular network can take up to 10 minutes in the following situations:

- The first time VuLink powers up
- When VuLink hasn't been powered up in several weeks or months



Press the button again for each instrument attached to VuLink. The connection status LED blinks and turns solid green as VuLink connects to the new instrument. By default, VuLink reads every hour and transmits to the cloud once daily.

# **Understanding the LEDs**



All five LEDs illuminate when VuLink is powered on. The color of an LED indicates status. See the details below.

### **Battery status**



### Solid green

Battery power greater than **75%** 

### **Blinking green**

Battery power greater than **50%** 



## Blinking red

Battery power greater than **25%** 

### Solid red

Battery power less than **25%** 



### Blinking red and green



A blinking red and green LED indicates a problem with the batteries. Do not deploy the VuLink in this condition. Check batteries and reinstall as necessary.

### Instrument connection status



# **Blinking green**

Searching for an instrument

Solid green Connected to network



Attempting to connect to network

Solid green Connected to network

# $(\mathbf{0})$

## **Blinking red**

New instrument not found

### Solid red

No instruments connected to VuLink



**Cloud connection status** 

### **Blinking green**

### Solid red

Unable to connect to network



### **Blinking green**

Connecting and uploading data to HydroVu

Solid green Upload successful

### **Bluetooth connection status**



### **Blinking blue**

Ready to connect Solid blue Bluetooth connected



### **Blinking red** Unclaimed device

# Solid red

Failed to connect to HydroVu.com

### Authorised distributor

### In Australia:

For customer service, call 1300-735-292 To email an order, ordersau@thermofisher.com To order online: thermofisher.com

### In New Zealand:

For customer service, call 0800-933-966 To email an order, ordersnz@thermofisher.com To order online: thermofisher.com

