güralp

RADIAN

POSTHOLE

MINIMUM SIZE, MAXIMUM RANGE, UNRIVALLED VERSATILITY

QUICK-START GUIDE

Deployment Log

Serial number: _____

Date deployed	Date recovered	Location	Comments

Radian Post-hole

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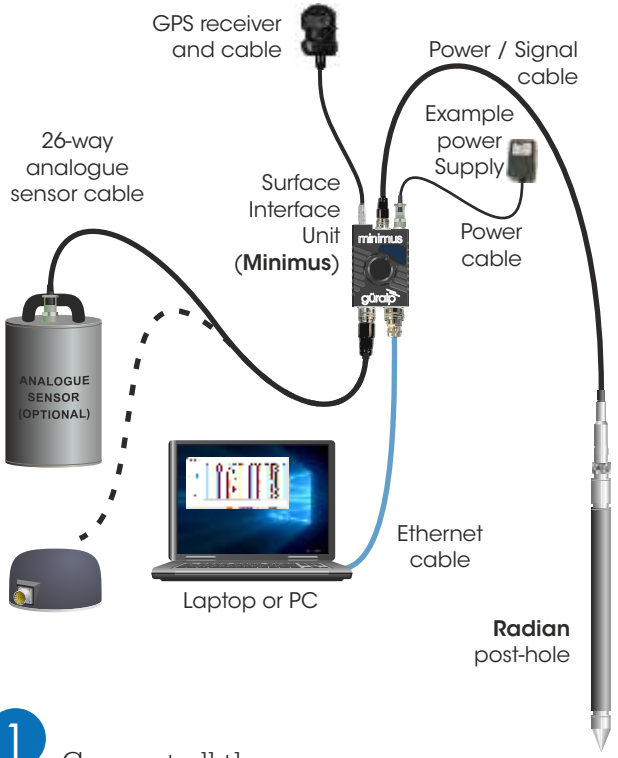
QUICK-START GUIDE

Initial Hardware Setup



Power cable (with bare ends), GPS receiver, GPS cable, and Ethernet cable are supplied with the Minimus Accessory Pack.

Analogue and digital sensor cables are supplied with the respective sensors.

No power supply is included.

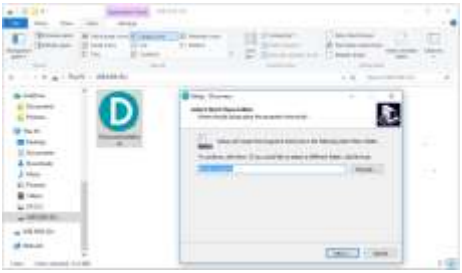
1. Connect all the hardware using the cables supplied, as shown above.

2. Switch on the power supply (12–36 V DC). The LED indicator on the Minimus will behave as shown in the table:

LED flash	Status
WHITE flashing rapidly	booting-up (20-30 s)
quick **RED** flash followed by 1 s pause	NO microSD in external slot
2 quick **RED** flashes followed by 1 s pause	External microSD present NO internal microSD
3 quick **RED** flashes followed by 1 s pause	microSD cards present Missing or poor GPS
GREEN flash every 4 s	microSD cards and GPS all OK (up to 10 min)

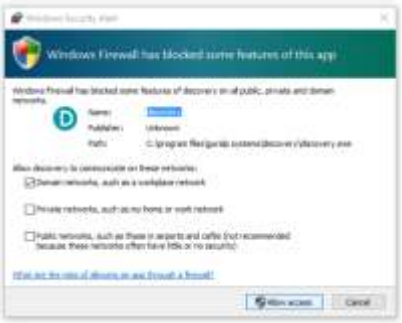
Installing Güralp Discovery software

Download Güralp Discovery for Windows from *either* http://www.guralp.com/download/discovery/DiscoveryInstall.exe (64-bit) *or* http://www.guralp.com/download/discovery/DiscoveryInstall_x86.exe (32-bit) (Please contact support@guralp.com for other operating systems.)



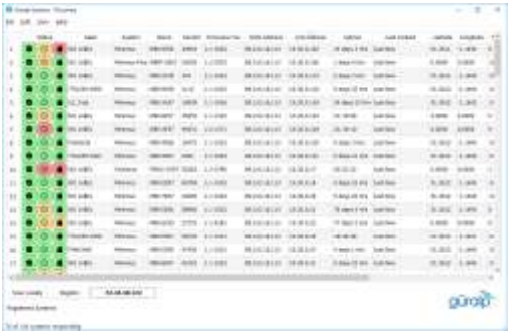
Run the installer that you have downloaded, follow the on-screen instructions to install and then launch Discovery.

If you see a dialogue from Windows Firewall saying that it has "blocked some features of this app", select one or more networks frrom the list provided and then click Allow access.



Ensure that your version of Discovery is up to date. To do this, in Discovery, click on the **Help** menu and select **About**. Click on the **Update** button and follow the on-screen instructions.

View live waveforms and instrument status



Launch Discovery software. The serial number (as shown on the base of the Minimus) should appear in the main window . If the instrument does not appear, check your Ethernet connection and then press the **Scan locally** button. Select the instrument and click on the **View** toolbar to select **Live View** then **GDI only**.

The Live View window will open and start streaming all available data from the Radian (and any other connected instruments). Streams can be added or removed from the viewer using the **Channel List** panel on the left-hand side. Amplitude and time zoom/pan can be controlled using the keyboard arrow-keys or the mouse-wheel.

To configure the Radian system (view instrument state-of-health information, configure station metadata and network preferences, manage data storage and data flow), right-click on the Minimus in Discovery's main window and select **View Web Page**.

Next steps

For detailed information on usage, control & configuration of the Radian, Güralp highly recommends first reading the Minimus Manual MAN-MIN-0001:
www.guralp.com/documents/MAN-MIN-0001
followed by he Radian Manual, MAN-RAD-0001:
www.guralp.com/documents/MAN-RAD-0001

It may also be important to update firmware on the Minimus - refer to Section 5.15 of MAN-MIN-0001 for more details.

GüVü and GCF Viewer Apps

GCF Viewer is an android app which allows you to view GCF files and live data on your mobile device:

https://play.google.com/store/apps/details?id=com.guralp.gcfviewer

GüVü is an app for monitoring the state of health of Güralp seismic instrumentation. It is available for both Android and IOS:

Android:
https://play.google.com/store/apps/details?id=com.guralp.whisper
IOS:
https://itunes.apple.com/us/app/id1208418113

For further assistance please contact our technical support team on support@guralp.com or call us on +44 118 981 9056.

Caution: The Radian Posthole system contains sensitive mechanical components which can be damaged by mishandling. If you are at all unsure about the handling or installation of the instrument, please contact Güralp Systems support - support@guralp.com - for assistance.

Notes

Notes

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