

# DIGPILOT GNSS ROVER Specifications

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| Dual antenna RTK & PPP GNSS receiver  |
| HSPA+ mobile broadband network corrections  |
| UHF radio receiver  |
| Six-axial pitch & roll sensor with accelerometer & gyro                                 |
| Firmware upgradeable  |
| Dual constellation (GPS & GLONASS) multi-frequency receiver                             |
| Upgradeable with BeiDou & Galileo reception   |
| RTK accuracy, 20Hz  |
| Wide input power voltage  |
| Keyed LEMO power 1k connectors for power, external power switch & USB 2.0 Hi-Speed data |

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| <b>UHF Radio Receiver:</b>                           |
| Reception of on-site differential correction signals |
| RTCM SC-104 2.3/3.2 & CMR/CMR+ formats               |
| PDL, Satellite-3AS & TrimTalk 450S compatible        |
| 403 MHz frequency range                              |

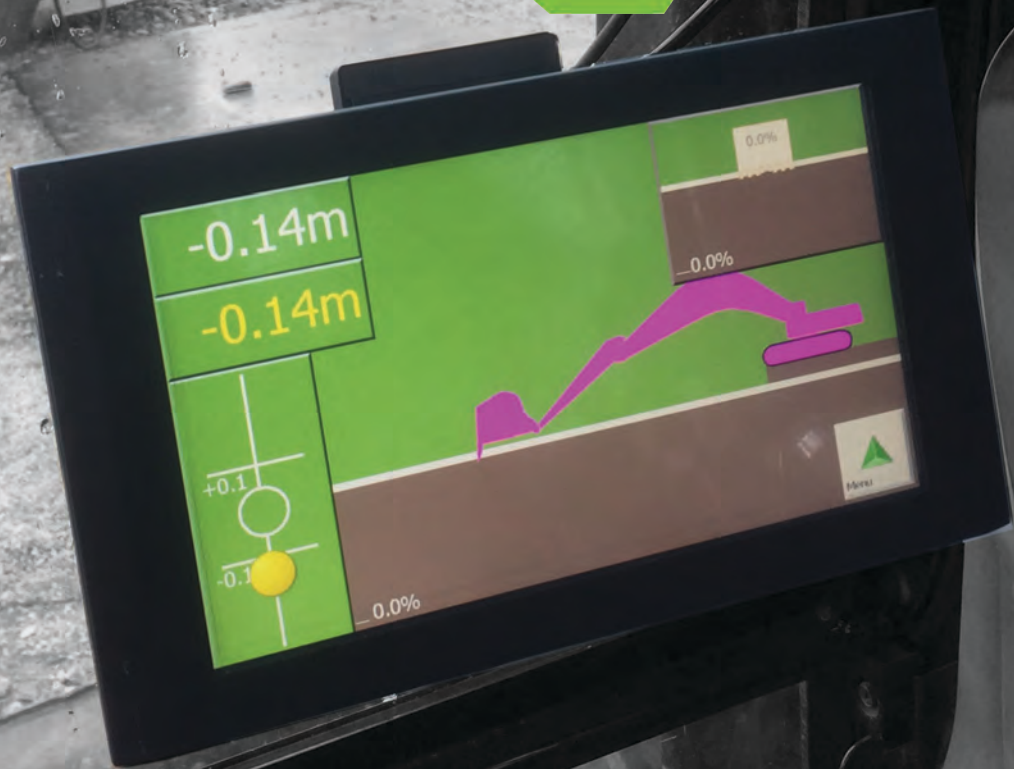


# DIGPILOT SENSOR Specifications

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| Calibrated two-axial accelerometer sensor                              |
| Angle accuracy $\pm 0.2^\circ$ or better                               |
| Three-axial magnetic compass   |
| Two-channel 635 nm (red) laser receiver                                |
| IP67 rated construction  |
| Range : Over 50m line-of-sight   |
| Frequency : 2.4GHz license-free ISM-band                               |
| Proprietary packet radio protocol                                      |
| Operating Time : Up to 4 weeks with normal use                         |
| Operating Temperature : $-20^\circ\text{C}$ to $+60^\circ\text{C}$     |
| Connectors : 2 charging pins (5.5 V DC input, max 800 mA, no polarity) |
| Weight : 230g (standard sensor)  |



# DIGPILOT



## COMPLETE CONTROL

- 2D & 3D Machine Control
- DigPilot GNSS Rover
- Seamless dataflow
- Unique usability
- Wireless Sensors
- DigPilot Office
- Robust receivers
- Low maintenance

## SOLUTIONS FOR:



LOADERS



DOZERS



EXCAVATORS



GRADE BOXES

## GSR Laser Tools

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## COMPLETE CONTROL

Put yourself in control every time, all the time, with DigPilot complete machine control solutions. DigPilot systems are built to your needs - with 2D & 3D solutions, robust receivers & GNSS - accuracy & efficiency is at your fingertips.

**NO CABLE BREAKAGE** - Our wireless sensors remove the most common problem of traditional machine control system - cables. And replacing sensors is quick, cost-effective & straightforward - parts are readily available meaning no down-time.



**TRANSFERABILITY** - All DigPilot systems are easily transferable meaning you can get the most out of your DigPilot solution. Simply by transferring the sensors into the alternate brackets & powering up the computer, you have precision equipment on your site when & how you need it.



**OWN YOUR PROJECTS** - Want to be independent of any design files? Both DigPilot's 2D & 3D solutions enable you to define grades, trenches & levels without the use of a GNSS rover meaning you have the flexibility to work with the files that you want to.



**UPGRADING** - Upgrading from your 2D system to a 3D means simply the addition of a GNSS rover. This instantaneously gives you a system that's able to read complex plan files (LandXML & DXF), creates 'as-built' documentation, integrates seamlessly with DigPilot and so much more.

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## COMPLETE CONTROL

### DIGPILOT OFFICE

DigPilot Office has become the beating heart of our 3D machine control system and is the key to optimize workflow. Here you exchange files and documentation between office and machine with the click of a button. You can send messages, set documentation guidelines and get accuracy reports. All software for both machine control and rover can be updated from the screen. In addition we backup all machine data regularly to prevent data loss and downtime. This and many more features you get from your DigPilot Office account.



### INSTALLATION + SUPPORT

DigPilot distributors are proud to offer a localised & experience support team behind all solutions. Our team has years of experience in machine control - we will come down to your site, find the best solution to suit you and fit all instrument so you're ready to go. Being a local team, we are always there to support you after-purchase and have an equipped in-house service department. Call or email us for your obligation free on-site consultation.



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