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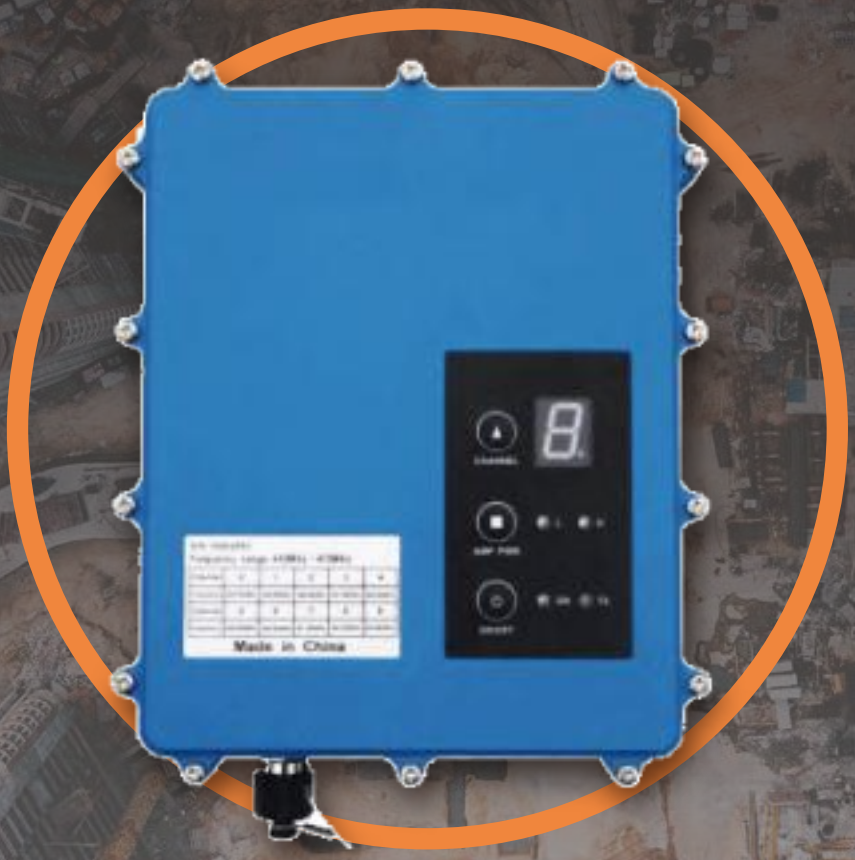
DL6

GNSS RTK DATALINK



SURVEYING &
ENGINEERING

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STURDY RADIO MODEM FOR LONG-RANGE RTK SURVEYING

The DL6 is a UHF radio modem based on CHCNAV technical expertise and extensive field experience. With many innovative features, the DL6 provides stable and reliable GNSS base-to-rover RTK corrections.

Commonly used frequency channels can be preset and power output can be adjusted from 5 W to 28 W according to the project environmental constraints. The customizable settings feature enables operators to easily start the DL6 radio modem by simply pressing corresponding command buttons.

FIELD PROVEN FOR MAXIMUM PRODUCTIVITY

Reliable Radio Modem for any survey and construction sites.

- High-performance UHF datalink for GNSS applications
- Support industry standard UHF protocols
- Six adjustable power levels from 5 W to 28 W
- Rugged design to withstand harsh environment

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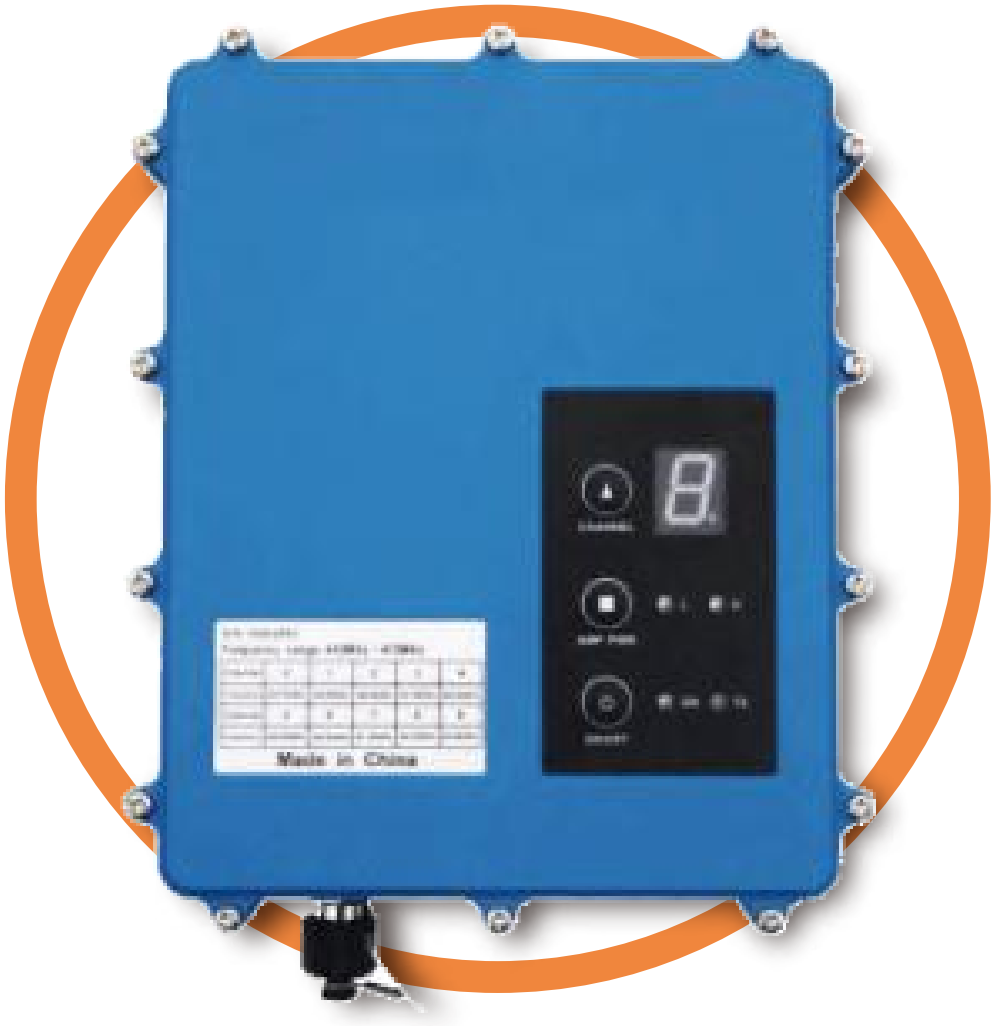
STABLE
& RELIABLE



ADVANCED MODEM FOR GNSS APPLICATIONS

SPECIFICATIONS

General Specification	
Communication	1 x RS232 serial port, up to 115200 bps
User interface	1 digital display 3 buttons 4 status indicators
Modem Specifications	
Link rate	4800 bps 9600 bps 19200 bps
Modulation	GMSK
Link protocol	CHC, Transparent, TT450S
Radio specifications	
Frequency bands	410 MHz to 470 MHz
Transmit power	Low: 5 W /10 W / 15 W High: 20 W / 25 W / 28 W
Power	
External power	9 V DC to 16 V DC

Physical	
Size (L x W x H)	180 mm x 140 mm x 65 mm (7.1 in x 5.5 in x 2.6 in)
Weight	1.5 kg (52.9 oz)
Environment	Operating: -30°C to +65°C (-22°F to +149°F) Storage: -55°C to +75°C (-67 °F to +167°F)
Ingress protection	IP67 waterproof and dustproof, protected from temporary immersion to depth of 1 m
Ports	1 x 5-pin LEMO port (external power and RS-232) 1 x GNSS antenna port
Mount	Tripod bracket
Antenna	
External	50 Ohm, TNC female connector

*All specifications are subject to change without notice.
*The use of the DL6 datalink may be subject to local regulations. Users must ensure that the device is not operated without the permission of the local authorities on frequencies or power output other than those specifically reserved and intended for use without required permit.