

DTRCI5000™

LONGRANGERF

DESKTOP RADIO COMMUNICATION
INTERFACE

Seamless interface
to KP SAMSON™
Monitoring Software

PC alerts of
DTRCI5000™ status

Includes built-in
signal strength
measurement



Fast baud rate
between the
DTRCI5000™
and a PC

Software
programmable

USB, COM and
parallel ports

Multi-protocol:
receive and transmit
different protocols
on one unit

Programmed by a
Windows - based
General Utility software
(GUP 5000™)

Illuminated control panel
and large LCD display



Synthesized radios
allow easy and rapid
frequency changes

Backup historical
memory of previously
received messages



Supports
A4 printer



Modular design



Password
protection
option



Standard Ademco 685
serial communication



A compact, easy-to-install, radio transceiver interface with multifunctional capabilities that complement KP's radio control monitoring systems and networking equipment.

No better way to undertake control and monitoring tasks using cost effective, practical equipment that exceeds the market standards.

The DTRCI5000™ features and benefits offer reliability and quality in a complete package.

The DTRCI5000™ achieves unmatched processing and communications speed using a field-proven BSR100™ external radio and a superior highly advanced CPU design.

Specifications

GENERAL

AC Power Input	16-24 VAC from wall plug transformer
AC Mains, Current Consumption	0.5A
Backup Battery	Internal 12 VDC via external DC plug
DC Power Input	12-14 VDC, 2.6 AH Sealed Lead Acid
DC Current Consumption	250mA DC (operating in battery backup mode)
Operating Temp.	-0°C to 50°C (-32°F to 122°F)
Storage Temp.	-25°C to 60°C (-13°F to 140°F)

RF TRANSCEIVER

External	1 External Receiver (EXR5000™ or BSR100™)
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DIGITAL ENCODING / DECODING

Protocols	LARS, LARS I, LARS II MEGA-NET,™ RCMS™
Modulation	FM, FSK and DFM
Address Capacity	Protocol dependet: LARS: up to 32,000 LARS I, LARS II: up to 64,000 MEGA-NET: up to 1 million RCMS: up to 2,048
Digital Display	20 X 4 characters "1" LCD, 4 Dual color LED
Communication Ports	RS232, USB, Serial / Parallel printer
Parameter Selection	Fully programmable using: PC dedicated software via RS232/USB port Front panel 16 key keypad + LCD

STANDARDS

Dynamic Range	0.1 - 2.2 μV
Displayed Range	0.5 - 2 μV

PHYSICAL DIMENSIONS

Weight	3.1 kg (6.8lbs) [without battery]
Size	275mm x 270mm x 105mm (10.8"x10.6"x4.1")

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