

INTRODUCING

IMPULSE®•LINK 4.1 WDS

Wireless Diagnostics System



IMPULSE•LINK 4.1 WDS Software

Magnetek Material Handling introduces **IMPULSE•LINK 4.1 Wireless Diagnostics System (WDS)**, a Windows-based, interactive drive software and hardware package that allows you to efficiently program, monitor and troubleshoot your IMPULSE®•G+/VG+ Series 3 and Series 2 drives. Advanced diagnostics provide critical information to keep your system up and running.

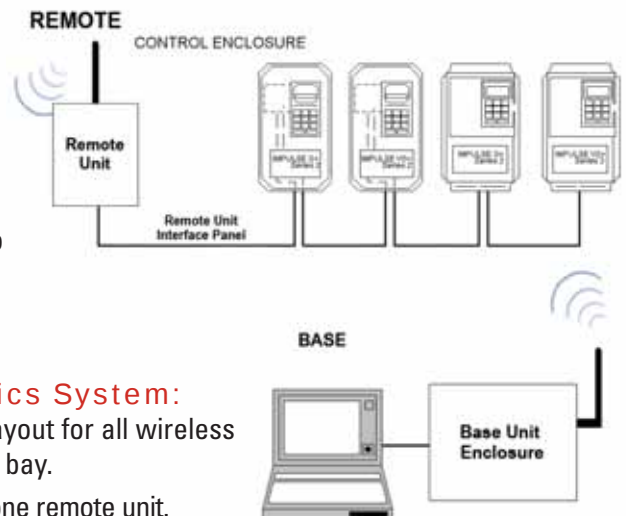
- ☐ Program, monitor and troubleshoot IMPULSE drives from your desk, the plant floor or another location.
- ☐ E-mail parameter files, modified constants, and DataLogger files for troubleshooting assistance.
- ☐ The software will provide you with full drive parameter descriptions and troubleshooting assistance. No need to search for your manual.

IMPULSE•LINK 4.1 WDS Includes:

Base Unit: Wireless modem connected to a PC or company-wide network.

Remote Unit: Power supply and wireless modem. *The remote unit's modem is hardwired to the drives and communicates wirelessly to the base unit.*

IMPULSE•LINK 4.1 Software: Allows you to access all the cranes in your facility from one location.



Setting Up A Wireless Diagnostics System:

The following diagram shows the general layout for all wireless systems. We recommend one base unit per bay.

- **There must be:** One base unit and at least one remote unit.
- **There may be:** Multiple remote units for a single base unit if there are multiple cranes in one bay.
- **There may NOT be:** Multiple base units for a common remote unit.



IMPULSE•LINK 4.1 WDS

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Product Features

IMPULSE•LINK 4.1 WDS

Our user-friendly software allows for “around-the-clock” diagnostics monitoring making troubleshooting more efficient:

- Read/write drive parameters
- Save parameters and/or create new parameter fields
- Adjust drive parameters online or offline
- View and print detailed or compact drive parameters
- Monitor drive parameters and drive status
- Copy and paste information
- Display Help screens
- Compare drive parameter (PAR) files
- Log Alarm, Fault, and Run events from multiple drives (via DataLogger)
- Save parameters to a different parameter file or create new parameter files
- Wireless communication up to 1,000 ft. range
- Display all parameters that are not factory default (modified constants)

Summary

Run Status: Stopped
Accum Runs: 7
Accum Faults: 1
Accum Alarms: 0
Last Fault: LF-Output Phase Loss
Last Alarm: None

U1-01 - Frequency Reference 15.00 Hz
U1-02 - Output Frequency 0.00 Hz
U1-03 - Output Current 0.0 A
U1-04 - Control Method 3 -
U1-05 - Motor Speed 0.00 Hz
U1-06 - Output Voltage 0.0 VAC
U1-07 - DC Bus Voltage 716 VDC
U1-08 - Output Power 0.0 HP
U1-09 - Torque Reference 0.0 %
U1-10 - Input Terminal Status 00000000 -

Impulse Link 4.1 Help

Output Phase Loss

Fault Code	Fault or Indicator Name/Description	Corrective Action
LF	Output Phase Loss: An open phase occurred at the inverter output.	1. Check for broken wires in output cable. 2. Check for open winding in the motor. 3. Check for loose terminals.

- Troubleshooting from your PC with advanced diagnostics Help menus (see above)

For more information contact Magnetek Material Handling or your local Magnetek Sales Representative.



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Brochure No.ImpLink-05B
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