



# IMPULSE® DRIVE DIAGNOSTICS TOOLS

	Description	Setting	Unit	CDO	VF	A
	RUN CMD at PRG			x	A	A
	AllowRun@Powerup			x	A	A
	Ref Source 2			x	A	A
	Run Source 2				O	A
	Accel Time 1				O	A
01	Decel Time 1				O	A
-02	Accel Time 2				O	A
5-03	Decel Time 2				x	A
B5-04	Acc Time N Chg	2.0			x	A
B5-05	Dec Time N Chg	2.0			x	A
B5-06	Fast Stop T	0.5			x	A
B5-08	Acc/Dec L	1:0.1 seconds				
B5-09		0.0	Hz			
B5-		3.0				
		3.0				
		3.0				
		3.0				
			Hz			
			Hz			



**MAGNETEK**  
MATERIAL HANDLING

**ELECTROMOTIVE SYSTEMS**



## IMPULSE® • Link 4.1 WDS

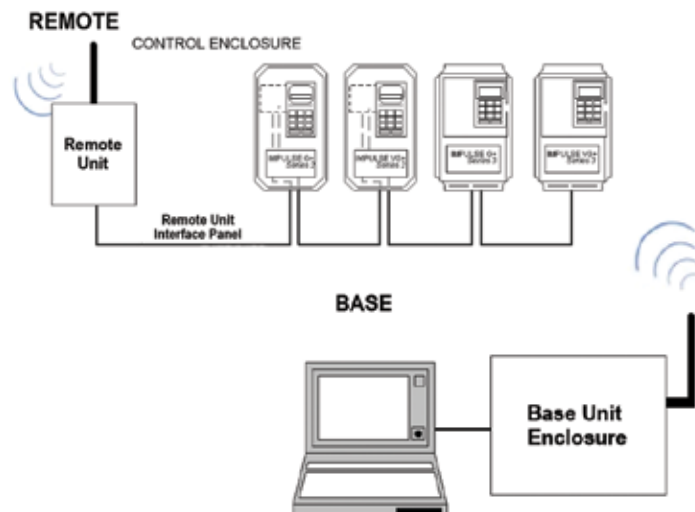
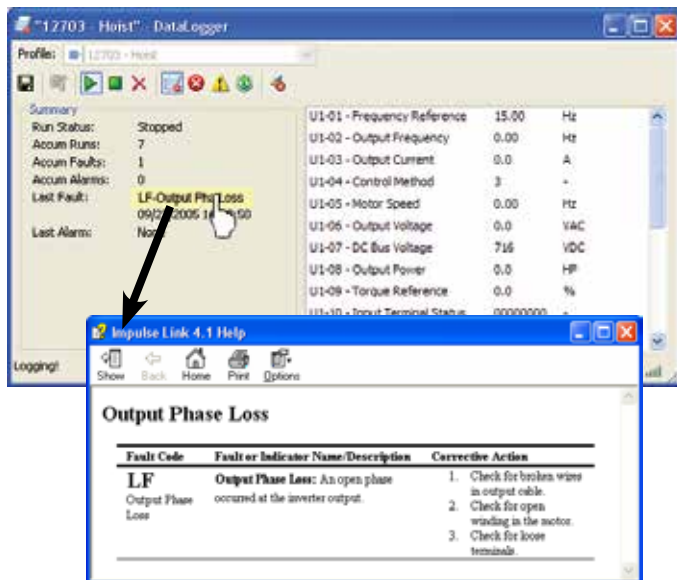
### WIRELESS DIAGNOSTICS SYSTEM

IMPULSE•Link 4.1 Wireless Diagnostics System (WDS) is a Windows-based, interactive drive software and hardware package that enhances productivity by allowing you to efficiently program, monitor, and troubleshoot multiple drives from a remote location. IMPULSE•Link 4.1 WDS is your wireless network to bridge the gap between your facility's drives and ethernet network.

### KEEP YOUR SYSTEM UP & RUNNING

Advanced diagnostics provide critical information to keep your system up and running. Whether you have a single crane or multiple cranes in difficult to access locations, IMPULSE•Link 4.1 WDS provides easy access for monitoring and diagnostics.

- Monitor drive parameters and drive status
- Upload/download drive parameters
- Save and e-mail parameter files, modified constants, and DataLogger files for troubleshooting assistance
- Modify parameter settings and create new parameter files
- Reset faults remotely
- View and print detailed or compact drive parameters
- Copy and paste information
- Display HELP screens
- Compare drive parameter (PAR) files
- Log fault, alarm, and run events from multiple drives (via DataLogger)
- Troubleshoot from a remote location (office, plant floor, or another location)—anytime—day or night, 24/7. No need to climb up on the crane to diagnose and reset a fault.



### IMPULSE•LINK 4.1 WDS INCLUDES:

- Wireless modem base unit
- Wireless modem remote unit
- IMPULSE•Link 4.1 WDS software and hardware key

### IMPULSE•LINK 4.1 WDS SOFTWARE SUPPORTS

IMPULSE•G+/VG+ Series 4  
 IMPULSE•G+/VG+ Series 3  
 IMPULSE•G+ Mini

OmniPulse™ DDC Digital DC Drive  
 OmniPulse™ DSD Digital DC Drive  
 MagnePulse™ Digital Magnet Control (DMC)

# IMPULSE®•Link 4.1 Basic

## INTERACTIVE DRIVE SOFTWARE PACKAGE

IMPULSE•Link 4.1 Basic is a Windows-based interactive drive software, which allows you to upload, download, and monitor parameters to maximize the efficiency of your drive. It's your 1-to-1 link between your PC and your drives.

### MONITOR DRIVE PARAMETERS FROM YOUR PC

- Upload and download drive parameters
- Modify drive parameters
- Save or create new parameter files
- Program from a keypad display on your PC
- View and print detailed or compact drive parameters
- View complete parameter descriptions
- Monitor parameters and drive status
- Compare drive parameters
- Display all parameters that are not factory default

### IMPULSE•LINK 4.1 BASIC FEATURES:

- Copy & Paste feature
- Drag & Drop feature
- Improved troubleshooting through HELP Menus



## IMPULSE•LINK 4.1 BASIC SOFTWARE SUPPORTS

IMPULSE•G+/VG+ Series 4  
 IMPULSE•G+/VG+ Series 3  
 IMPULSE•G+ Mini

OmniPulse™ DDC Digital DC Drive  
 OmniPulse™ DSD Digital DC Drive  
 MagnePulse™ Digital Magnet Control (DMC)

# DataLogger Series 4



## DRIVE SUPPORT TOOL

The DataLogger Series 4 (DLS4) allows you to easily access the Run, Alarm, and Fault histories, drive parameters, and drive trending data of Magnetek's IMPULSE®•Series 4, Series 3, and G+ Mini drives.

### EASY TO USE

This compact, user-friendly device simply plugs into the keypad pocket of IMPULSE•G+ and VG+ Series 4 drives or is connected by cable to Series 3 or G+ Mini drives. All data acquisition is automatic. Data viewing and analysis is available via the LCD scrolling display or by connecting the DLS4 to your PC and viewing with the IMPULSE•Link 5 Viewer software. The new drive trending feature makes troubleshooting faults and alarms simple by allowing users to see how drive monitors interact at the same time.

### Records Important Drive Diagnostics

- Designed with even more memory to log:
  - Last 5000 Run events
  - Last 400 Alarm events
  - Last 400 Fault events
  - Over 900 MB of trend history
- The DataLogger now stores:
  - Alarm and Fault history
  - Trace information for viewing drive data that led to the Alarm/Fault condition
  - 11 parameter sets that can be uploaded, stored, and downloaded into drives of the same model, control method, firmware version, and motion
- The DataLogger is powered by the inverter's 5 VDC internal supply when logging data, or through the USB port when connected to the PC.

### DATALOGGER SYSTEMS INCLUDE:

1. DataLogger Series 4
2. USB Cable for PC Communication
3. IMPULSE•Link 5 Viewer PC Software
4. Serial Cable for DataLogger Drive Connection

## DATALOGGER SERIES 4 SUPPORTS

IMPULSE•G+/VG+ Series 4  
 IMPULSE•G+/VG+ Series 3  
 IMPULSE•G+ Mini

Magnetek's drive support tools enable you to maximize the efficiency of your IMPULSE variable frequency drives.

	<b>IMPULSE•LINK 4.1 WDS</b>	<b>IMPULSE•LINK 4.1 Basic</b>	<b>DataLogger Series 4 (IMPULSE•Link 5 Viewer)</b>
<b>FEATURES</b>	<b>Wireless Diagnostics System</b>	<b>Interactive Drive Software Package</b>	<b>Drive Support Tool</b>
Wireless communication (up to 1000 feet)	●		
Log Alarm, Fault, and Run events	●		●
Log events for multiple drives	●		●
Wireless fault reset	●		
Create new parameter files	●	●	
Modify drive parameters (offline)	●	●	
View and/or print parameter files in detailed or compact format	●	●	●
View parameter descriptions, range, and factory defaults	●	●	●
Monitor drive status	●	●	
Copy and paste information	●	●	
Compare drive parameter (PAR) files	●	●	
Convert parameter files from different software versions (of the same drive model)	●	●	
Display all modified parameters	●	●	●
Troubleshoot with advanced diagnostics HELP Menus	●	●	●
Link to manual through HELP Menu	●	●	●
Read/write drive parameters	●	●	●
Save parameters	●	●	●
Keypad	●		●
Drive Trending			●



**MAGNETEK**  
MATERIAL HANDLING

N49 W13650 Campbell Drive  
Menomonee Falls, WI 53051  
Toll-Free Phone 800.288.8178  
Toll-Free Fax 800.298.3503  
Phone 262.783.3500  
Fax 262.783.3510

161 Orenda Road, Unit 1  
Brampton, Ontario  
L6W 1W3 Canada  
Toll-Free Phone 800.792.7253  
Phone 905.828.1526  
Fax 905.828.5707

Unit 3, Bedford Business Centre  
Mile Road, Bedford MK42 9TW UK  
Phone +44(0) 1234 349191  
Fax +44(0) 1234 268955

[WWW.MAGNETEKMH.COM](http://WWW.MAGNETEKMH.COM)  
[SALES@MAGNETEK.COM](mailto:SALES@MAGNETEK.COM)