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Hardy Instruments Hardy Link Communications Driver Information Sheet for Crimson v2.0

Compatible Devices

Hardy Instrument Devices that support Hardy Link communications.

Verified Devices

HI 2151/30WC

Hardy Link Device Options

Mode – Select the unit of weight that items should be displayed. Values received from the Hardy device will be converted to this unit as needed.

Ignore Checksum – Provided in the event that incoming checksum errors are received.

Parameter Read Access

Prefix	Description	Data Type	Notes
A	Accumulated Total	Real	
G	Gross	Real	
N	Net	Real	
T	Tare	Real	
DE	Deadband	Real	
P	Preact	Real	
S	Setpoint	Real	
DI	Dipswitch	Word	DIP#1 (bits 8 – 15), DIP#2 (bits 0 – 7)
L	LED Status	Word	BYTE 1(bits 8 – 15), BYTE 2(bits 0 – 7)
REL	Relay	Byte	
REM	Remote	Byte	
C	ROC	Long	
E	Excitation Monitor	Long	Map to string (OKK, ERR, OFF)

Parameter Read Access

Prefix	Description	Data Type	Notes
I	Load Cell Input	Real	
IREM	Rem. Level Status	Byte	
ERR	Last Error	Long	Internal parameter set to last error received from Hardy device.

Parameter Write Access

Prefix	Description	Data Type	Notes
DE	Deadband	Real	
P	Preact	Real	
S	Setpoint	Real	
M	Net/Gross Toggle	Bit	*
U	Display Units Toggle	Bit	*
H	Hold/Unhold Toggle	Bit	*
AT	Auto Tare	Bit	*
AZ	Auto Zero	Bit	*
NTOT	Add Net To Acc Total	Bit	*

*Command – activated with a new non-zero value.

Revision History

02/26/09 – v1.00+ - Created

Cable Information

G3 RS485 Port	Hardy Instrument HI 2151/30WC
Pin 1	Pin 1 – TR+
Pin 2	Pin 2 – TR-
Pin 6	Pin 5 - GND