



DS6100

Installation Manual

Update

DS6100-3xxx models can be completely configured through software using one of the three methods listed in par. 2.2 of the Installation Manual.

The scanner therefore can be installed without the necessity of opening it to configure hardware jumpers or switches.

To determine if it is necessary to open these models for hardware configuration for your application, the default hardware settings are listed below.

DS6100-3xxx HARDWARE DEFAULTS:

- **Interface selection = MUST be selected through software**
- **Multidrop address selection = address 0 (software configurable)**
- **Input selection = NPN**

For information about hardware configuration, see sub-par. 2.3.2 or 2.3.3.

The junction box pinouts have been corrected and are indicated in the following table:

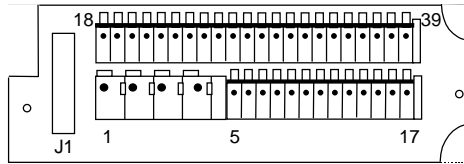


Figure 2.13 - JBOX connector and pinout

JBOX Pinout for DS6100				
Pin	Name	Pin	Name	
01	VS	21	RIGHT-	
02	SGND	22	I.U.	
03	VS	23	I.U.	
04	SGND	*24	<i>Main interface signals see table below</i>	
05	CHASSIS	*25		
06	VS	*26		
07	VS	27		
08	ENC+	28		
09	ENC-	29		
10	SGND	30		
11	SGND	31		
12	VS	32		
13	VS	33		
14	PS1+/-	34	DGND	
15	PS2+/-	35	TXA	
16	SGND	36	AUX485+	
17	SGND	37	DGND	
18	NOREAD+	38	RXA	
19	NOREAD-	39	AUX485-	
20	RIGHT+			
Pin	RS232	RS485 NP	RS485 P	20 mA C.L.
24,29	TX232	TX485+	RTX485+	CL OUT+
25,30	RTS232	TX485-	RTX485-	CL OUT-
26,31		GNDRS485	GNDRS485	DRVOUT
27			RS485CNTR	DRVIN
28	DGND			CL GND
32	RX232	RX485+		CL IN+
33	CTS232	RX485-		CL IN-

* The signals on pins 24, 25, and 26 are repeated on pins 29, 30, and 31 to facilitate network connections (i.e. Multiplexer using the RS485 POLLED interface). In this way the network bus can enter and exit the junction box from different spring clamps but be physically connected together.