DVS Quick Reference Card



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End-Cap with Connector



Remove the dummy plug from the end-cap and connect the I/O cable to the DVS end-cap.

Attach the I/O cable to your computer's communication port. The standard communications settings are RS-232, 115200-baud, no parity, 8 data bits and 1 stop bit.

Connect the test cable red/black banana plugs to an external power supply (+10.5 to 28 VDC).

UVS batteries are shipped inside the DVS, but not connected. Connect the battery and seal the DVS before deployment.

Application Mode Setup				
Connected to:				
No Communication		COM Port	COM 1	-
		Baudrate	HISSOE.	
		Databits	8	
		Parity	None	
		Stopbits	1	•
		Connect	Auto D	etect
	Commu	nications Timir	0	_
	Break W	/akeup Timeor	£ (1) 3	
	Commar	id rimeour(t)	9.	-
Modern Communications				
Using Inductive Mo	dem			
Modem Dev	ice ID:	Quer Moder		

RS-232 via the I/O Cable
Start the DVS software.
At the DVS Wizard Startup Options screen, click Cancel.
From the Configure menu, click Serial Communications.
Select the COM port, baud rate, parity, and stop bits that the DVS is connected to. If you are unsure of the setting, use Auto Detect .
Click the Connect button. You should see the wakeup message appear on the deployment log window.

Click OK.

Inductive Modem Setup



Loop a conductor through the DVS inductive modem and the surface inductive modem (not supplied) connected to a computer.

Power can be supplied either from the battery pack or from an external supply via the test cable. If the DVS is sealed for deployment, then power must be supplied from the battery pack.

DVS batteries are shipped inside the DVS, but not connected. Connect the battery and seal the DVS before deployment.

Connected to:		COM Red	COM 1	
NO CONTRACTOR		CONTON	0000	-
		Laudrate	3800	
		Databits	8	
		Parity	Noné	•
		Stopbits	1	
		Connect	Auto De	elect
	Comm	nications Timin	a	
	Break.\	Valieup Timeou	# (s) 3	-
	Comma	nd Timeout (ii)	3	*
Modem Communications				
Vising Inductive Modem				
Modern Device ID:	33	Get Moder	niD	
		_		
			UK	Lancel
···				
inductive modems actu	lally c	ommun	icate v	vith ea

Configure Modems

Configure Surface IMM

Use Existing Modem ID

Cano

C Reset Modem ID:

Configure Modems

Successfully configured surface modem. Successfully configured DV5 modem. IMM

OK

Configuration Complete

Configure DVS IMM



Start the DVS software.

Configure Serial Connection to the Surface IMM

At the DVS Wizard Startup Options screen, click Cancel.

 On the Configure menu, select Modems. Select which modem(s) you wish to configure (i.e. the Surface IMM connected to the serial port and/or the DVS IMM). If you are configuring the DVS IMM, you have the optic of Use Existing Modem ID, or Reset Modem ID (from C to 99). Press the Configure Modems button to start the configuration process. The dialog will update with a status bar and informatio on the configuration process will take a few minutes to complete. Once the process in completed, a message box will appear letting you know that the selected configuration(s) are completed. If the modem configuration process does not complete successfully, check the serial connection from the PC to the surface IMM, and the connection to the DVS syster (if you are attempting to configure the DVS modem). If the connections till fails, you will need to test your mode connections. The DVS Operation Manual describes how to verify modem communications. 		
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