



# INTREPID CONTROL SYSTEMS, INC.

## Selection Of Vehicle Interface Adaptors

	ValueCAN3 LTD	ValueCAN3	neoVI RED	neoVI FIRE	neoHDA	neoVI YELLOW
<b>Network Protocols:</b>						
Dual Wire CAN	1	2	1-2 <sup>2</sup>	4	2	2
Single Wire CAN	--	--	1 <sup>2</sup>	1	--	--
LSFT CAN	--	--	1 <sup>2</sup>	1	--	--
LIN	--	--	2	4	--	1 <sup>4</sup>
K-Line/ISO9141/ Keyword 2K	--	--	2	4	--	1
J1850 PWM	--	--	--	--	--	--
J1850 VPW (Class 2)	--	--	--	1 <sup>1</sup>	--	--
J1708	--	--	--	--	1	1
GM CGI	--	--	--	1 <sup>3</sup>	--	--
<b>Features:</b>						
Screen	--	--	--	--	--	--
DLL Real time Scripting	YES	YES	YES	YES	YES	YES
Stand-Alone	--	--	YES	YES	--	YES
Removable Storage	--	--	microSD	microSD	--	microSD
Digital I/O	1	1	6	6	6	6
Digital I/O Range	0-5V	0-5V	0-5V	0-5V	0-5V	0-5V
Analog Inputs	--	--	4	4	4	4
Analog Inputs Range	--	--	0-3.3V	0-3.3V	0-3.3V	0-3.3V
Analog Outputs	--	--	--	--	--	--
Timestamp Accuracy (Worst Case)	10 µs	10 µs	10 µs	10 µs	10 µs	10 µs
Timestamp Accuracy (Best Case)	1 µs	1 µs	1 µs	1 µs	1 µs	1 µs
Real time Clock	--	--	YES	YES	--	YES
Primary Software	Vehicle Spy 3	Vehicle Spy 3	Vehicle Spy 3	Vehicle Spy 3	3rd Party Apps.	Vehicle Spy 3
Secondary Software/APIs	DPS, J2534, RP1210, Java, MATLAB, Visual Basic, Visual C++, VB.NET, LabVIEW	DPS, J2534, RP1210, Java, MATLAB, Visual Basic, Visual C++, VB.NET, LabVIEW	DPS, J2534, RP1210, Java, MATLAB, Visual Basic, Visual C++, VB.NET, LabVIEW	DPS, J2534, RP1210, Java, MATLAB, Visual Basic, Visual C++, VB.NET, LabVIEW	DPS, J2534, RP1210, Java, MATLAB, Visual Basic, Visual C++, VB.NET, LabVIEW	DPS, J2534, RP1210, Java, MATLAB, Visual Basic, Visual C++, VB.NET, LabVIEW
Primary Usage	Quick and easy connection to one CAN network, USB to CAN Adaptor	Quick and easy connection to two CAN networks, USB to CAN Adaptor	Stand-alone Capable, Data Logging, Flight Recorder Applications, End-of-Line Tester, LIN Adaptor	Stand-alone Capable, Data Logging, Flight Recorder Applications, End-of-Line Tester, Vehicle Network Development, ODI, CGI, LIN, CAN, J1850	Heavy/Medium Duty Commercial Vehicle Adaptor, End-of-Line Tester	Heavy/Medium Duty Commercial Stand Alone Capable, Vehicle Adaptor, Data Logging, Flight Recorder, End-of-Line Tester

<sup>1</sup> - Total of 2 Channels.

<sup>2</sup> - One Channel set to HS CAN; other selectable from HS/SW/LSFT CAN.

<sup>3</sup> - Receive only; no transmit capability.

<sup>4</sup> - Uses K-Line Transceiver (simultaneous K-Line and LIN not supported).

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