

SPECIFICATIONS	Infinity-6 PN: 30-7106	Infinity-8h PM: 30-7108	Infinity-8 PN: 30-7101	Infinity-10 PN: 30-7100	Infinity-812 PN: 30-7111
2-Stroke Engines	yes	yes	yes	yes	yes
4-Stroke Engines	yes	yes	yes	yes	yes
Cylinders	Up to 6	Up to 8	Up to 8	Up to 10	Up to 8
High Impedence Injectors	Up to 6	Up to 8	Up to 8	Up to 10	Up to 12
High Impedence Injectors (Sequential)	Up to 6	Up to 8	Up to 8	Up to 10	Up to 8
Low Impedence Injectors	Up to 6	Up to 8	Up to 8	Up to 10	Up to 12
Low Impedence Injectors (Sequential)	Up to 6	n/a	Up to 8	Up to 10	Up to 8
Coils (0-5V Falling Edge)	Up to 6	Up to 8	Up to 8	Up to 10	Up to 8
Digital Inputs	Up to 6	Up to 6	Up to 8	Up to 8	Up to 8
VR/Mag Inputs	Up to 4	Up to 4	Up to 6	Up to 6	Up to 6
Analog Voltage Inputs	Up to 9	Up to 9	Up to 17	Up to 17	Up to 17
Analog Temp Inputs	Up to 3	Up to 3	Up to 6	Up to 6	Up to 6
Knock Control	2-Channel	2-Channel	2-Channel	2-Channel	2-Channel
On Board Wideband Air/Fuel Controllers	1	1	2	2	2
Drive-By-Wire	Single	Single	Dual	Dual	Dual
H-Bridge Channels	1	1	2	2	2
High Side Outputs	1	1	Up to 2	Up to 2	Up to 2
Low Side Outputs	8	6	10	10	10
Low Side Outputs that can be PWM	5	3	7	7	7
4-Wire Stepper Motor Control	yes	yes	yes	yes	yes
CAN Channels	2	2	2	2	2
RS232 Channels*	1	1	n/a	n/a	n/a
Boost Control (RPM, Time, Gear, VSS, Switch Input, Flex Fuel Content)	yes	yes	yes	yes	yes
Variable Cam Control	Up to 2	Up to 2	Up to 4	Up to 4	Up to 4
Engine Protection**	yes	yes	yes	yes	yes
Launch Control	yes	yes	yes	yes	yes
Nitrous Control	Single Stage	Single Stage	Up to 4-Stage	Up to 4-Stage	Up to 4-Stage
Traction Control	Up to 2-Wheel Speed	Up to 2-Wheel Speed	Up to 4-Wheel Speed	Up to 4-Wheel Speed	Up to 4-Wheel Speed
Data Logging	up to 64 GB	up to 64 GB	up to 64 GB	up to 64 GB	up to 64 GB
Weather Resistant Sealed Electronics	yes	yes	yes	yes	yes
Connector Pins	80	80	129	129	129
Enclosure Dimensions	5.85" x 5.55" x 1.8"	5.85" x 5.55" x 1.8"	6.75" x 6.00" x 1.8"	6.75" x 6.00" x 1.8"	6.75" x 6.00" x 1.8"
Weight	16.8 oz / 476.27g	16.8 oz / 476.27g	24 oz / 680.4g	24 oz / 680.4g	24 oz / 680.4g

\* Dual use pins. Tx and Rx shared with 2 digital inputs. Does not output AEM Serial

\*\* Engine protection is programmable and can be coolant temp-, oil temp-, oil pressure-, AFR vs MAP, intake air temp-, knock- or fuel pressure-based.