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EasySense Logger & Interface Comparison

Version 1.5
October 2009

	VISION 2020	Q Advanced USB 4000-USB	Q Advanced USB 4001-Bluetooth	Q3+ 4030-USB	Q3+ 4031-Bluetooth	Q5+ 4050-USB	Q5+ 4051-Bluetooth	3Link 5540-USB	1Link 5530-USB	Flash Logger 3700-CF	Qt Digital Timer 4010-USB	Qt Digital Timer 4011-Bluetooth
Standalone												
EasyLog	Yes	Yes	Yes	Yes	Yes	Yes	Yes	X	X	X	X	X
Logging	Yes	Yes	Yes	X	X	X	X	X	X	X	X	X
SnapShot	Yes	Yes	Yes	Yes	Yes	Yes	Yes	X	X	X	X	X
Meter display	Yes	Yes	Yes	Yes	Yes	Yes	Yes	X	X	X	X	X
Fast log	Yes	Yes	Yes	X	X	X	X	X	X	X	X	X
Time	Yes	Yes	Yes	Yes	Yes	Yes	Yes	X	X	X	Yes	Yes
Time,Speed, Acceleration	Yes	Yes	Yes	X	X	X	X	X	X	X	Yes	Yes
View recorded data	Yes	X	X	X	X	X	X	X	X	X	Yes	Yes
Memory	5 Mb	256 kB	256 kB	128 kB	128 kB	128 kB	128 kB	X	X	X	32 kB	32 kB
Data sets stored	Limited only by available memory	up to 254	up to 254	8	8	8	8	X	X	X	up to 254	up to 254
Battery power status	Yes	Yes	Yes	Yes	Yes	Yes	Yes	X	X	X	Yes	Yes
Pre-trigger	Yes	Yes	Yes	X	X	X	X	X	X	X	X	X
Internal Sensors On/Off	X	Yes	Yes	Yes	Yes	Yes	Yes	X	X	X	X	X
Connected to PC												
Easylog	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	X	X
Graph	Yes (fastest 20 µs)	Yes (fastest 20 µs)	Yes (fastest 20 µs)	Yes (fastest 20 ms)	Yes (fastest 50 ms)	Yes (fastest 1 ms)	Yes (fastest 50 ms)	Yes (fastest 20 µs)	Yes (fastest 20 µs)	Yes (fastest 20 ms)	X	X
Scope	Yes (fastest 20 µs)	Yes (fastest 20 µs)	Yes (fastest 50 ms)	Yes (fastest 20 ms)	Yes (fastest 50 ms)	Yes (fastest 1 ms)	Yes (fastest 50 ms)	Yes (fastest 20 µs)	Yes (fastest 20 µs)	X	X	X
Pre-trigger	Yes	Yes	Yes	X	X	X	X	Yes	Yes	X	X	X
Meter	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	X	X
SnapShot	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	X	X
Timing	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	at A	Yes	Yes	Yes
Setup remote	X	Yes	Yes	Yes	Yes	Yes	Yes	X	X	X	X	X
Minimum Software Ver	2.9	2.0	2.0	2.7	2.7	2.7	2.7	2.8	2.8	2.8 CE	2.7	2.7
Specification												
LCD Display	High Resolution Full Colour Graphical Touch Screen	Yes	Yes	Yes	Yes	Yes	Yes	X	X	X	Yes	Yes
Sensor inputs (plug-in)	4	6	6	2	2	2	2	3	1	3	0	0
Timing inputs (A & B)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	A only	Yes	Yes	Yes
Built-in sensor 1	X	Temperature *-30 to 110˚C*	Temperature *-30 to 110˚C*	Temperature *0 to 110˚C -30 to 110˚C 0 to 232˚F -22 to 230˚F*	Temperature *0 to 110˚C -30 to 110˚C 0 to 232˚F -22 to 230˚F*	Temperature *0 to 110˚C -30 to 110˚C 0 to 232˚F -22 to 230˚F*	Temperature *0 to 110˚C -30 to 110˚C 0 to 232˚F -22 to 230˚F*	X	X	X	X	X
Built-in sensor 2	X	X	X	Light *0 to 1,000 lx 0 to 10,000 lx 0 to 100,000 lx*	Light *0 to 1,000 lx 0 to 10,000 lx 0 to 100,000 lx*	Light *0 to 1,000 lx 0 to 1,000 lx fast 0 to 10,000 lx 0 to 100,000 lx*	Light *0 to 1,000 lx 0 to 1,000 lx fast 0 to 10,000 lx 0 to 100,000 lx*	X	X	X	X	X
Built-in sensor 3	X	X	X	Sound *40 to 110 dBA*	Sound *40 to 110 dBA*	Sound *40 to110 dBA*	Sound *40 to 110 dBA*	X	X	X	X	X
Built-in sensor 4	X	X	X	X	X	Barometric *85 to 110 kPa 850 to 1100 mbar 25 to 33 InHg*	Barometric *85 to 110 kPa 850 to 1100 mbar 25 to 33 InHg*	X	X	X	X	X
Built-in sensor 5	X	X	X	X	X	Humidity *0 to 100% RH*	Humidity *0 to 100% RH*	X	X	X	X	X
Analogue Resolution	12 bit	12 bit	12 bit	10 bit	10 bit	10 bit	10 bit	12 bit	12 bit	10 bit	N/A	N/A
Fastest speed per channel (Samples per second)	20 µs (50,000)	20 µs (50,000)	20 µs (50,000)	20 ms (50)	20 ms (50)	1 ms (1,000)	1 ms (1,000)	20 µs (50,000)	20 µs (50,000)	20 ms (50)	N/A	N/A
Digital timing accuracy	4 µs	4 µs	4 µs	4 µs	4 µs	4 µs	4 µs	4 µs	4 µs	10 µs	4 µs	4 µs
Rechargeable batteries	Yes	Yes	Yes	Yes	Yes	Yes	Yes	X	X	X	Yes	Yes
USB Client (PC connection)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	X	Yes	Yes
Bluetooth (PC connection)	X	X	Yes	X	Yes	X	Yes	X	X	X	X	Yes
Firmware upgradeable	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	X	Yes	Yes
USB Host (mouse, etc.)	Yes	X	X	X	X	X	X	X	X	X	X	X
VGA Out	Yes	X	X	X	X	X	X	X	X	X	X	X