

HARDWARE COMPARISON

LYTX® EVENT RECORDERS



SPECIFICATIONS	DC3P	ER-SV2	SF-SERIES
Event Recorder Unit			
Weight	.52 lb	.38 lb Base Unit: 2 lb 9 oz	.74 lb
Dimensions (W x H x D)	4.6 x 4.3 x 2.1 in 12 x 11 x 5 cm	4.6 x 3.2 x 2.3 in Base Unit: 8.5 x 5.0 x 1.5 in	5.0 x 4.2 x 2.2 in
Operating Temperature	-40°F to 185°F	-40°F to 185°F Base Unit: -40°F to 149°F	-40°F to 185°F
Microphone	Omnidirectional	Omnidirectional	Omnidirectional
In-Vehicle Audible Alerts on Select Triggers	No	No	SF300: Yes SF200: No SF64: No
Status Lights	2 LED (red, green)	7 LED (wide spectrum)	7 LED (wide spectrum)
Night Vision Illumination	6 high-lumen infrared LED lights	8 high-lumen infrared LED lights	8 high-lumen infrared LED lights
Manual Record Buttons	Yes	Yes	Yes
Industrial-grade Hardware	Yes	Yes	Yes
Limited Warranty	2 Years	2 Years	2 Years
Machine Vision + Artificial Intelligence (MV+AI)			
Configurable Inside View Triggers <ul style="list-style-type: none"> Handheld Device No Seat belt Driver Smoking Food or Drink 	No	No	SF300: All SF200: No SF64: No
Configurable Road View Triggers <ul style="list-style-type: none"> Rolling Stop Lane Departure Following Distance Critical Distance 	No	All	SF300: All SF200: Rolling Stop Only SF64: Rolling Stop Only
Lytx Badge (Driver ID)	No	All	SF300: Yes SF200: Yes SF64: No
Internal			
Processor	Single-core 180 MHz	Quad-core 1 GHz	SF300: Dual Core 1.0 GHz; 512 KB cache SF200: Dual Core 1.0 GHz; 512 KB cache SF64: Dual Core 1.0 GHz; 512 KB cache
Internal Memory	128 MB	1 GB	SF300: 1 GB SF200: 1 GB SF64: 512 MB
Internal Storage	4 GB	16 GB	SF300: 16 GB SF200: 16 GB SF64: 64 GB
Memory Format	NAND	eMMC	eMMC
Expandable/External Memory	No	No	SF300: 128 GB SF200: 128 GB SF64: No

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Internal (cont.)			
Motion Sensors	<ul style="list-style-type: none"> • 3-Axis (Accelerometer) • Built-in G-Force and motion sensor • Built-in GPS 	<ul style="list-style-type: none"> • 6-axis (Accelerometer + Gyro) • Built-in G-Force and motion sensor • Built-in GPS 	<ul style="list-style-type: none"> • 9-axis (Accelerometer + Gyro + Magnetometer) • Built-in G-Force and motion sensor • Built-in GPS
Recording			
Wide Angle Lens / Field of View	131° interior; 88° exterior	131° interior; 82° exterior	128° interior; 84° exterior (SF64) 128° interior; 78° exterior (SF200/SF300)
Video Recording Resolution	768 x 576	752 x 548	752 x 548 (SF64) 1280 x 800 (SF200/SF300)
Frame Rate	4 fps	10 fps	10 fps
DVR Capable	Yes	Yes	Yes
ActiveVision Capable	No	Yes	No Yes (SF300: MV+AI Road View)
ECM Support	<ul style="list-style-type: none"> • Speed Management • Fuel Reporting • ADAS Management 	<ul style="list-style-type: none"> • Speed Management • Fuel Reporting • ADAS Management • ActiveVision® Service/ Road View MV+AI 	<ul style="list-style-type: none"> • Speed Management • Fuel Reporting • ADAS Management • ActiveVision® Service/ Road View MV+AI
Configurable Internal / External Lens	Yes	No	Yes
Connectivity			
Cellular	CDMA or GSM	CDMA or GSM	CDMA or GSM
Wi-Fi via Hotspot	Wi-Fi b/g 2.4 GHz	Wi-Fi b/g/n 2.4 GHz	SF300: Wi-Fi b/g/n/ac 2.4/5 GHz SF200: Wi-Fi b/g/n/ac 2.4/5 GHz SF64: N/A
Bluetooth Capable	No	Yes	Yes
Ethernet	No	Yes	Yes
Power			
Battery	Non-rechargeable	Rechargeable	SF300: Rechargeable SF200: Rechargeable SF64: Non-rechargeable
Standard Input Voltage	12V or 24V	12V or 24V	12V or 24V
Power Draw (12V)			
Ignition On (cellular) • Not Transmitting • Transmitting	228mA	530mA	SF300: 320 mA SF200: 320 mA SF64: 228 mA
Ignition Off (cellular) • Not Transmitting • Transmitting	438 mA	620 mA	SF300: 540 mA SF200: 540 mA SF64: 438 mA
Power Draw (hibernation)	<1mA	<1mA	Hibernation: 20 mA (cellular on) Deep Sleep: <1 mA (cellular off)
Disconnect Reporting	Yes	Yes	Yes
Hibernation	Default: 15 Min	Default: 15 Min	Default: 15 Min
Installation			
Trigger In	Qty 2	Qty 5	Qty 4
Trigger Out	Qty 1	Qty 3	Qty 1
ECM / ECU Integration	Via VBI J1939 Via B&B module OBDII	J1939, FMS	J1939
Recommended Mounting Location	Windshield Bulkhead	Windshield Bulkhead	Windshield Bulkhead
Installation Services Available	Lytx Professional Installation Services Training & support for client-managed Installation	Lytx Professional Installation Services Training & support for client-managed Installation	Lytx Professional Installation Services Training & support for client-managed Installation

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Included Accessories			
ECM Cable	No	Yes	Yes
Mounting Bracket	Non-removable	Non-removable Base Unit: Removable	Non-removable
Informational Guide	Yes	Yes	Yes

DISCLAIMER: Lytx® event recorders are intended as a driver aid only and are not a substitute for a safe, conscientious driver. Lytx event recorders cannot compensate for a driver that is distracted, inattentive, or impaired by fatigue, drugs, or alcohol. It is always the responsibility of the driver to take appropriate corrective action. Never wait for the Lytx event recorder to provide a warning before taking measures to avoid an accident. Failure to do so can result in serious personal injury or death, or severe property damage.