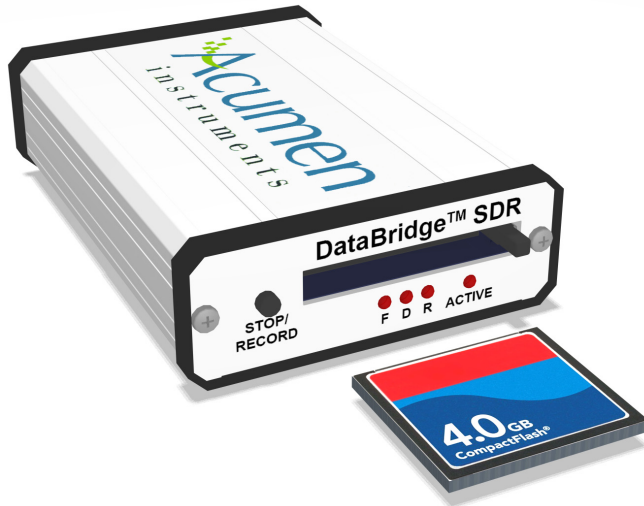


# DataBridge™ SDR2-CF

## Serial Data Recorder



- Low-power
- Low-cost
- Small footprint
- Zero development time
- Records PC-compatible files

**D**ataBridge™ SDR2-CF is an improved version of the SDR-CF. Here are just some of the new features that make the SDR2-CF even better than its predecessor:

Feature	Benefit
Reduced power consumption	Smaller/fewer batteries needed, almost no heat generated
Low power mode, LED disabling	Even less battery required if high data rates and special features aren't needed
Wider voltage input range	More design flexibility, potential for longer battery life at lower voltages
Holdup circuit (super capacitor)	Proper shutdown and data safety when power is cut unexpectedly
Flash-based processor	Free firmware upgrades in the field, more customization possible
FAT32 file system compatibility	Almost unlimited capacity, no issues in the field due to improperly-formatted CF cards
50 to 961200 baud range	Compatibility with old 300 and 1200 baud equipment, ability to record faster than computer's serial port
7/8 data bits, N/E/O parity, 1/2 stop bits	Compatibility with old equipment that uses 7E1 or other unusual RS-232 data word formats
Break output	Compatibility with modems and old equipment that requires break signal to "wake up" the device
Improved CompactFlash socket	Easier card ejection in the field, better card retention, user won't press Record when ejecting
"Flush buffer when recording" option	File doesn't contain old data from before record button was pressed
File playback via data port	SDR2-CF can be used to "trick" software that requires data be input via a computer's serial port
Backward compatibility: <ul style="list-style-type: none"> <li>• OEM mounting holes are unchanged</li> <li>• J1 still accepts 5 VDC</li> <li>• Menu changes are minor</li> </ul>	Hardware and software designed for the SDR-CF can be used with minimal modification

Other features will be added to the SDR2-CF as development continues.