WHY CHOOSE *DDC's VAADR?*

In short... High quality made-in-USA smart high bandwidth recorders for embedded applications

		DDC VAADR	Competition	COTS components
Recording	Devices record **digital (many formats)** and/or analog (NTSC/PAL/RS-170)	Y	some	Y[B]
	Devices **record multiple channels**	Y	some	Y[B]
	Devices **record RAW** at full dynamic range	Y	N	N
	Devices can **record 30fps-10,000fps**	Y	some	-
	Drive sizes up to **16T**	Y	N	Y
	Devices are **sustained high bandwidth recording** for RAW, large format, multiple cameras, and/or high frame rates, etc.	Y	N for most	N
	Devices have **embedded codec** for maximum storage	Y	Y	Y[B]
	Devices have **simultaneous record and playback**	Y	some	-
	Embedded timestamp on every frame	Y	some	-
	Secure Erase to auto-destroy data or the drive in an emergency	Y	some	N
Metadata	Devices support **standard GPS devices** as input	Y	-	Y[B]
	Devices support **ROVER input metadata**	Y	very few	-
	Devices support **custom metadata** formats	Y	-	Y[B]
	Visualization of metadata during debrief: **position/track over satellite data**	Y[A]	-	-
	Embedded metadata timestamp for precise synchronization with video	Y[A]	some	-
	Built in support to **drop bookmarks** for later quick-indexing	Y	some	-
	With customization, can display any metadata available	Y	some	Y[B]
Playback	Devices have **simultaneous record and playback**	Y	some	Y[B]
	Devices have built in direct **connect to a display** without a PC	Y	-	Y[B]
	Devices have **built in VCR controls** (FF, REW, pause, play, etc.)	Y	Y	Y[B]
	Optionally **play back with image enhancements**	Y	N	Y[B]
Debrief	**Instant access** to video on the drive, or from a PC, even over the network	Y[A]	N	N
	Display the **metadata concurrent with video** playback	Y[A]	-	-
	Visualize the metadata over satellite data during playback	Y[A]	N	N
	Built-in out-of-the-box **support for Google Earth and NASA Worldwind**	Y[A]	N	N
	Transcode the video into other formats	Y[A]	-	Y[B]
	Significant **image enhancement** and **detail extraction** during playback, LAP	Y[A]	N	Y[B]
	Debrief large amounts of video with no discernable access delay	Y[A]	N	N
	Importable and exportable **bookmarks**	Y[A]	some	Y[B]
	Playback **multiple video streams** simultaneously	Y[A]	some	Y[B]
SWaP	Devices are **low power** (10W-25W)	Y	some	N
	Devices run off of **12V to 28V** with ruggedized power supply	Y	some	N
	Less than 5 lbs for complete recorder	Y	-	N
	MIL-STD-810F shock and vibe	Y	some	N
	Housing customizable for your application	Y	some	N
	Removable media, which can be directly connected to a PC	Y	some	Y
	Recorders are available in 0.07 cu ft and **0.03 cu ft for largest drive sizes**	Y	N	N
	Devices have a **Built-in temperature sensor**	Y	-	Y[B]
Wow!	Debrief application **VAADRView included**. Provides instant video access, processing, enhancement, and metadata rendering.	Y	N	N
	Extensible I/O and memory options via customization	Y	some	Y[B]
	Designed, manufactured, supported and **made in USA**	Y	some	-

A. *useable, controllable, or settable with the <u>included</u> VAADRView debriefing application*
B. *With effort: can be cobbled together likely, but not necessarily elegantly, portably, or durably*

Key
Y : yes
- : no
N : a very significant no

ISO 9001:2008 Certified

Made and Designed in the USA