

OVRCR

1080p HIGH DEFINITION
RUGGED MONITOR AND
DVR SERIES

STANDARD FEATURES

- SDI Inputs (3), 3G/HD/SD
 - SMPTE 424M/292M/259M
- SDI Output (1), 3G/HD/SD
 - SMPTE 424M/292M/259M
- HDMI Input (1)
- RS-170 Input (1)
- DVI-D Output (1)
- Picture-in-Picture (PIP)
- Picture-over-Picture (POP)
- Picture-by-Picture (PBP)
- 1 GbE Port
- CANBus Port
- RS-422 Communication Port
- USB 3.0
- Embedded DVR
- Removable 256GB SSD[^] (RM-Drive)
- User Programmable Buttons (15), RS-232
- Up to 1080p60 High Definition Video
- LED Backlight (1000:1 Dimming Ratio)
- Anti-Reflective and Anti-Glare Treatments
- Enhanced Sunlight Readability
- IP67/NEMA 6 Enclosure
- 10.1", 15.6" and 17.3" TFT AMLCD
- MIL-STD-461, 704, 810, 1275 Compliant
- MIL-C Power*



* Cables not included

[^] Removable SSD (RM-Drive) is supported by DSE's docking station, RM-Dock, for remote PC connectivity.

OPTIONAL FEATURES

- Removable SSD[^] up to 4TB
- Analog Resistive Multi-Touch Screen (USB or RS-232)
- Night Vision Compatible – Monochrome Red/Green

MOUNT OPTIONS

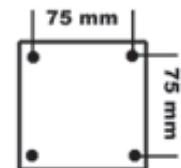
(Quoted individually)



Panel



RAM



VESA



LCD SIZE		RESOLUTION	NITS	VIEWING ANGLE	CONTRAST RATIO	MAXIMUM POWER CONSUMPTION
10.1" TFT AMLCD		1920x1080	800	170° (H) x 170° (V)	800:1	TBD
15.6" TFT AMLCD		1920x1080	600	160° (H) x 145° (V)	800:1	TBD
17.3" TFT AMLCD		1920x1080	400	160° (H) x 140° (V)	600:1	TBD
Technical Specifications						
Display		8-bit color, 16,777,216 colors. TFT AMLCD (Thin-Film Transistor Active-Matrix Liquid-Crystal Display)				
Dimming Ratio		1000:1				
Video Inputs		SDI (3) 3G/HD/SD, HDMI (1), RS170 (1)				
Video Outputs		SDI (1) 3G/HD/SD, DVI-D (1)				
Storage^		256GB Removable SSD^; <i>Optional up to 4TB</i>				
Housing		Milled AL, Black Hard Anodized				
Mount Options		Panel, RAM, VESA (75mm); Quoted individually.				
Wide Range DC Power Input†		10-36 VDC (12, 24, 28 VDC nominal)				
Power Conditioning		Protected against Internal Short Circuit, Load Dump, Over Voltage and Reverse Polarity				
Environmental Specifications						
IP Rating		IP67 (NEMA 6 Submersible)				
Operating Temperature		-46°C to 71°C (-51°F to 160°F); -20°C (-4°F) with Touch Option				
Storage Temperature		-54°C to 71°C (-65°F to 160°F)				
Humidity		0-100%				
Altitude		45,000 ft.				
Military Specifications						
MIL-STD-461	EMI		MIL-STD-810	Method 512; Immersion		
MIL-STD-704	Aircraft Power Requirements		MIL-STD-810	Method 513; Acceleration		
MIL-STD-810	Method 500, Altitude		MIL-STD-810	Method 514; Procedure I, II, V, VI; General Vibration		
MIL-STD-810	Method 501; I & II; High Temperature		MIL-STD-810	Method 516; Procedure I, Functional Shock		
MIL-STD-810	Method 502; I & II; Low Temperature		MIL-STD-810	Method 520; Temp, Humidity, Vibe and Altitude		
MIL-STD-810	Method 503; Temperature Shock		MIL-STD-1275	Vehicle Power Requirements		
MIL-STD-810	Method 505; Solar Radiation		MIL-STD-1472	Thermal Contact Hazard		
MIL-STD-810	Method 506; Rain		MIL-STD-3009	NVIS Compatible (Optional)		
MIL-STD-810	Method 507; Humidity		MIL-PRF-22885	Sunlight Readability for Push Buttons		
MIL-STD-810	Method 508; Fungus		MIL-A-8625	Standard Finish, Type III, Class 1 & 2		
MIL-STD-810	Method 509; Salt/Fog		MIL-DTL-26482	Connector, Qualified		
MIL-STD-810	Method 510; Blowing Sand and Dust		MIL-DTL-38999	Connector, Qualified		
MIL-STD-810	Method 511; Explosive Atmosphere					

[^] - Removable SSD (RM-Drive) is supported by DSE's docking station, RM-Dock, for remote PC connectivity.

^{*} - Cables not included

[†] - Power range specified covers momentary environmental fluctuations generally found in a mobile environment while display is operating. For power initialization and continual operation, nominal voltages are required

ON-GOING PRODUCT DEVELOPMENT MAY NECESSITATE DESIGN AND SPECIFICATION CHANGES WITHOUT NOTICE.

