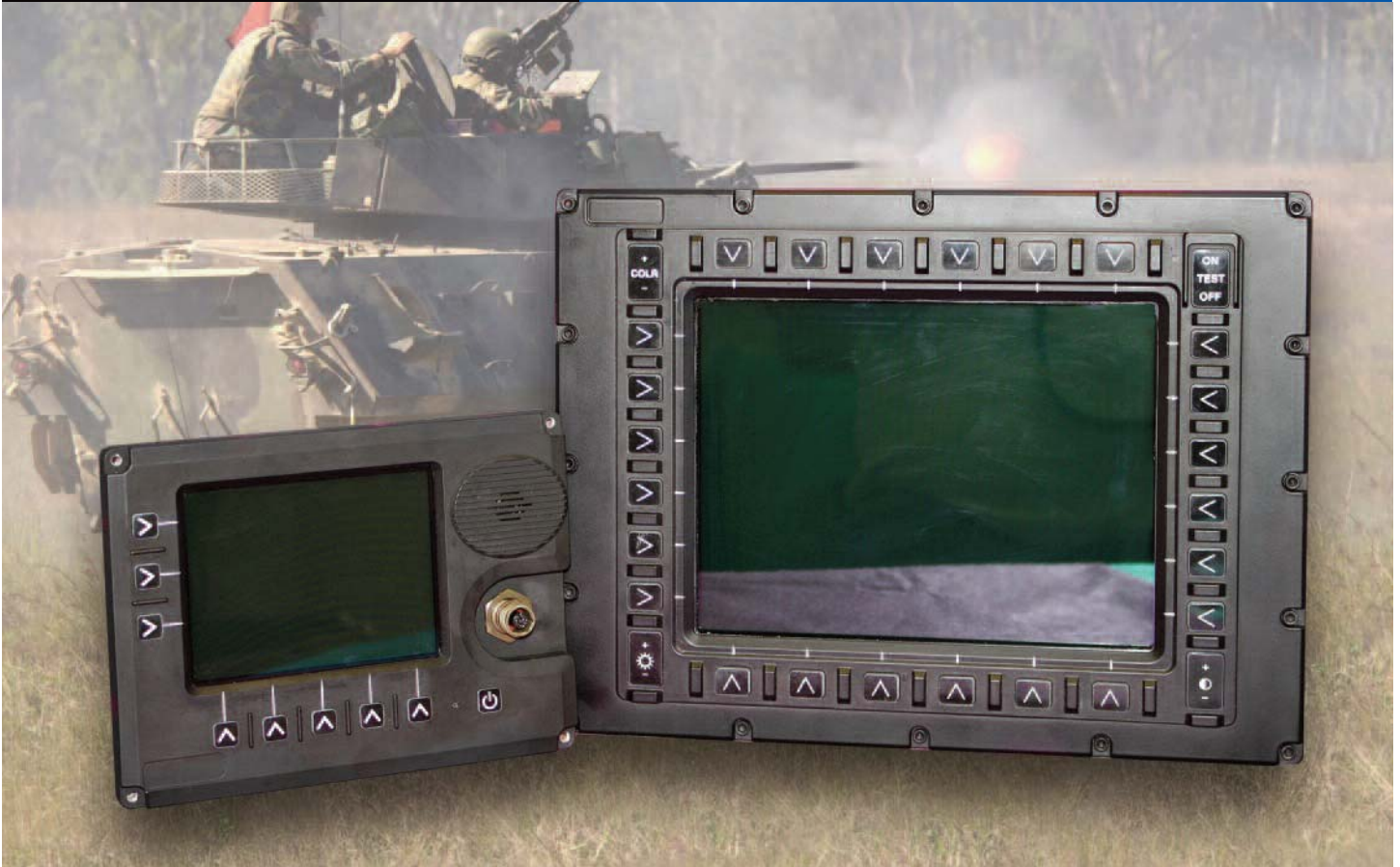




**Palomar  
Display  
Products**

## Digital Video Recorder



Palomar Display Products' Digital Video Recorder (DVR) is a ruggedized digital recording unit consisting of a built-in 5.6" Active Matrix LCD screen, speaker, switch matrix and audio/video recorder. The switch matrix provides 2 output channels selected from 3 input channels. The DVR supports NTSC, PAL, or RS-170 standard inputs. The audio/video recorder can record 70 hours of one channel or 35 hours on each of two channels. The recorded data is available for

immediate playback using the internal LCD display and speaker and can also be transferred to another device using the USB2.0 port.

Other features include the ability to use the display and speaker to one channel not being recorded while recording other channels, the ability to slave another monitor to the DVR, and tether a remote control for DVR control. The DVR may also be controlled using the 9 illuminated switches. In addition, the RS-422/485, USB 2.0, or Ethernet interfaces may also be used for unit control.

All products are designed and manufactured to meet specific customer requirements. They can be tailored to operate with various video and communication standards.

### **Palomar Display Products, Inc.**

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# Digital Video Recorder Specifications



Parameter	Specification
Resolution	640x480
Input Power	16-32 VDC, MIL-STD 1275, MIL-STD-704D
Power Consumption	28 Watts
Compression Standard	MPEG2
Recording Time	70 Hours one channel mode, 35 hours/channel in 2 channel mode.
USB Interface	USB 2.0 to download recorded data
Video Interface	PAL and NTSC
Audio Input Level	1 Vrms @ 600-Ohm
Recording Time	Up to 70 hr 1 channel / 35 hr 2 channels
Operating Temperature	-15°C to +60°C
EMI	MIL-STD-461C
Environmental Specification	MIL-STD-810C,F
Function Keys	9 illuminated keys for operating and record control
Outputs	Composite Video
Dimensions	6.1" x 8.26" x 4.13" (155mm x 210mm x 105mm)
Weight	11 lbs (5 kg)



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