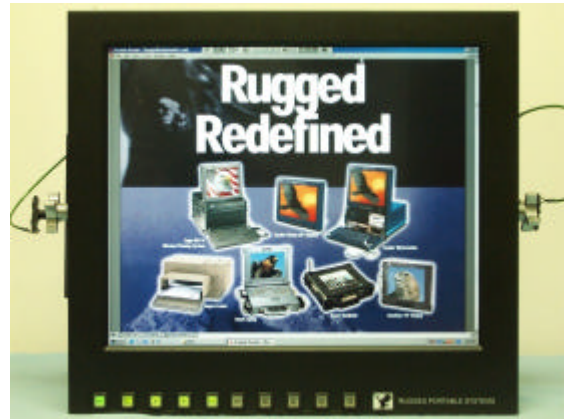


# Condor Vision 20" Rugged Display

The RPS Condor Vision Display features a large rugged 20.1" high resolution colour LCD which is designed to replace the conventional 50 year old Cathode Ray Tube (CRT) monitor technology.

The RPS Condor Vision Display is a high resolution multi-sync 1280 x 1024 active matrix display with a bright 200 NIT screen and wide 160° conical viewing angle which provides superior performance for critical applications.



The RPS Condor Vision Display provides a similar viewing area to a 21" CRT monitor but weighs only 15 pounds. The totally sealed lightweight aluminium alloy construction is perfect for airborne applications and rapid field deployments where weight and size are critical. The RPS Condor Vision Display's MIL-STD-461D and MIL-STD-810E qualifications make it the ideal display for surface ships, submarines and maritime surveillance requirements.

The RPS Condor Vision Display is equipped with sealed front panel controls that access the display's onscreen menu, allowing control of all display functions. The RPS Condor Vision Display is available in a rack-mount or standalone desktop enclosure.

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## Standard Features

- Multi-scan 1280 x 1024 LCD
- 200 NIT brightness with wide conical viewing angle
- Direct CRT rack-mount replacement
- Weighs less than 15 lbs.
- Fully sealed enclosure with sealed front access control switches
- AC or DC options
- Touch screen Option
- Low power consumption
- MIL-STD-461 Option



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# Condor Vision 20" Rugged Display

## Specifications

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### FUNCTIONAL

Viewing Area	20.1" diagonal screen 15.9" H x 12" V
Multiple Sync. Support	Up to 1280 x 1024 SXGA
Dot Pitch	0.28 mm
Resolution	Up to 1280 x 1024
Contrast Ratio	150:1 typical
Displayable Colours	16.7 million
Grey Shade Levels	256
Connectors	MIL-Circular standard terminated to BNC or 13W3 connector
Viewing Angle	160° conical view
Luminance	200 NIT
Response Time	50ms
Voltage	120 VAC 50/60 Hz or 28 VDC 240 VAC optional MIL-STD-704A MIL-STD-1285
Power Consumption	60 Watts typical
Horizontal Sync	24 to 80 kHz
Vertical Sync	56 to 76 Hz
Front Panel	Power On/Off, Menu Select, Up, Down, Reset

### ENVIRONMENTAL (MIL-STD-810E)

Temperature	Operating temperature -30° to +55°C with warm up Non-operating temperature -55° to +85°C
Shock	15G 11ms operating 30G 11ms non-operating
Vibration	3G RMS, 20-2000 Hz, operating 4G RMS, 20-2000 Hz, non-operating
Altitude	0 to 10,000 ft. operating 0 to 40,000 ft. non-operating
Humidity	100% RH with varied temperature Method 507.3 Proc.1
EMI	FCC Class B MIL-STD-461D (Optional)
Rain	Washdown IP67, MIL-STD-810E, Method 506, Proc. 1
Salt Fog	MIL-STD-810E, Method 509.3, Proc. 1
Explosive Atmosphere	MIL-STD-810E, Method 511.3, Proc. 1
Blowing Dust	Up to 29ft/sec. MIL-STD-810E, Method 510.3, Proc. 1 & 2

### PHYSICAL

Sizes	Physical 19" rack-mount, edgemount, standalone desk top 17" W x 19.38" H x 3.50" D
Weight	15 pounds 19" rack-mount, standalone desk top 2U rackmount, edgemount



Rugged Systems is one of Europe's leading suppliers of rugged, mobile computer, display and communications solutions and services. Specialising in applications such as test & measurement, command and control, data acquisition, secure data & computing, TEMPEST and ultra-reliable message transfer over noisy tactical communication channels. The company strives to be innovative and provide cost effective solutions, through many years of knowledge and experience