ALR
RUGGED SOLUTIONS

ORCA MIL-Displays
Customizable and ruggedized display solutions

The ALR embedded MIL-displays are built to be used in military and industrial applications which call for this kind of robust and reliable system. The compact and very solid aluminum housing meets industrial and MIL-810G environmental requirements. The displays comply to high EMC/EMI standards like MIL-461F/1275B and operates on 24V DC.

The modular design concept allows us to build large varieties of customized versions with options such as height brightness, vandal proof glass, EMI shielded etc.
Changes in the mechanical structure are available even in small quantities to meet the customers applications.
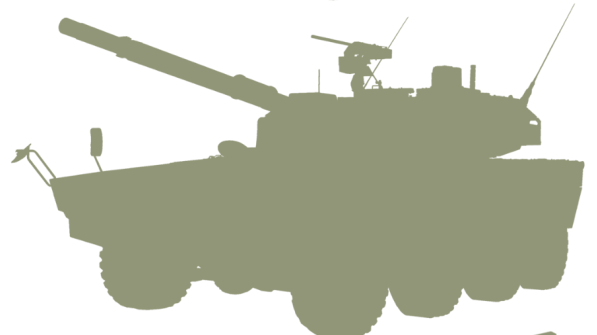
For more than 15 years the ALR embedded displays have been successfully implemented in a wide variety of industrial and military projects.

- **7" to 31" Displays**
- **24V DC power in**
- **VESA or customized mounting points**
- **IP54-IP65 protected**
- **Operates from –32°C to +70°C**
- **Resistive or capacitive touch option**
- **Optional functions and blackout keys**
- **Long term availability**
- **Compliant to MIL-STD 810G**

IP65

MIL-STD 810G

ALR Rugged Solutions GmbH

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A Baytek Company

ORCA MIL-Displays
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Housing	
	Rugged aluminum housing with anti corrosion treatment
	powder coating in RAL colors
Display modules	
Size	7" to 31.5"
Brightness	250 up to 1500cd
Signal input	VGA, DVI, HDMI, Display Port, video,
Protection glass	
	Bonded protection glass, anti vandalism protection glass,
	EMI shielded protection glass
Touchscreen	
	Resistive or PCAP multi-touch
Power Supply	
Power in	24V DC (110-230V AC with external adapter)
	Optional input filter for MIL-STD 461F/1275B
Mounting Options	
	VESA 50-200 or customized mounting points
Customizing Options	
I/O connectors	MIL or industrial connectors
Operating keys	Function and blackout keys
Environment	**Compliant according to:**
Temperature	
Operating	-10°C up to -32°C, +50°C up to +70°C
Storage	-40°C to +80°C
Humidity	5% to 95% relative humidity, without condensation
IP Protection	IP54-IP65
Vibrations	MIL-STD 810G
	Method 514.6
Shock	MIL-STD 810G
	Method 516.6
Regulations	CE, RoHS
Options	Optional MIL-STD 1275B or MIL-STD 461F
	(For additional details contact us)