



## Rugged Displays & Panels PC

*Smart vision in all conditions*

We design and manufacture **embedded rugged displays compliant with the military environmental constraints**. We propose a large panel of customized options in order to fulfill the expected requirements. Our design is also based on our **own technological breakthroughs to propose both time deliveries reductions and more competitiveness** to our customers. We also support autonomously our customers from the specifications to the display deliveries.

### APPLICATIONS :

- Army, Navy, Aeronautics
- CMS, Situational awareness, Navigation, Optronics, Gun fire

### OWN ASSETS :

- Large and sustainable display range with optical bonding [5' ; 55']
- Sunlight readability
- IP66
- Integration: panel mount, stand alone, VESA interface, customized mechanical interfaces
- Power board MIL-STD-1275 ITAR FREE 9-36V
- Bite Board:
  - built in test
  - temperature monitoring
  - power monitoring (voltage/current)
  - backlight monitoring from 0% to 100% brightness
  - customized dimming range
- Monitoring board on waterproof membranes
- Smart button board (video recorder, customized function on demand...)
- Display to Panel PC (CPU configuration)
- Sea & Combat Proven

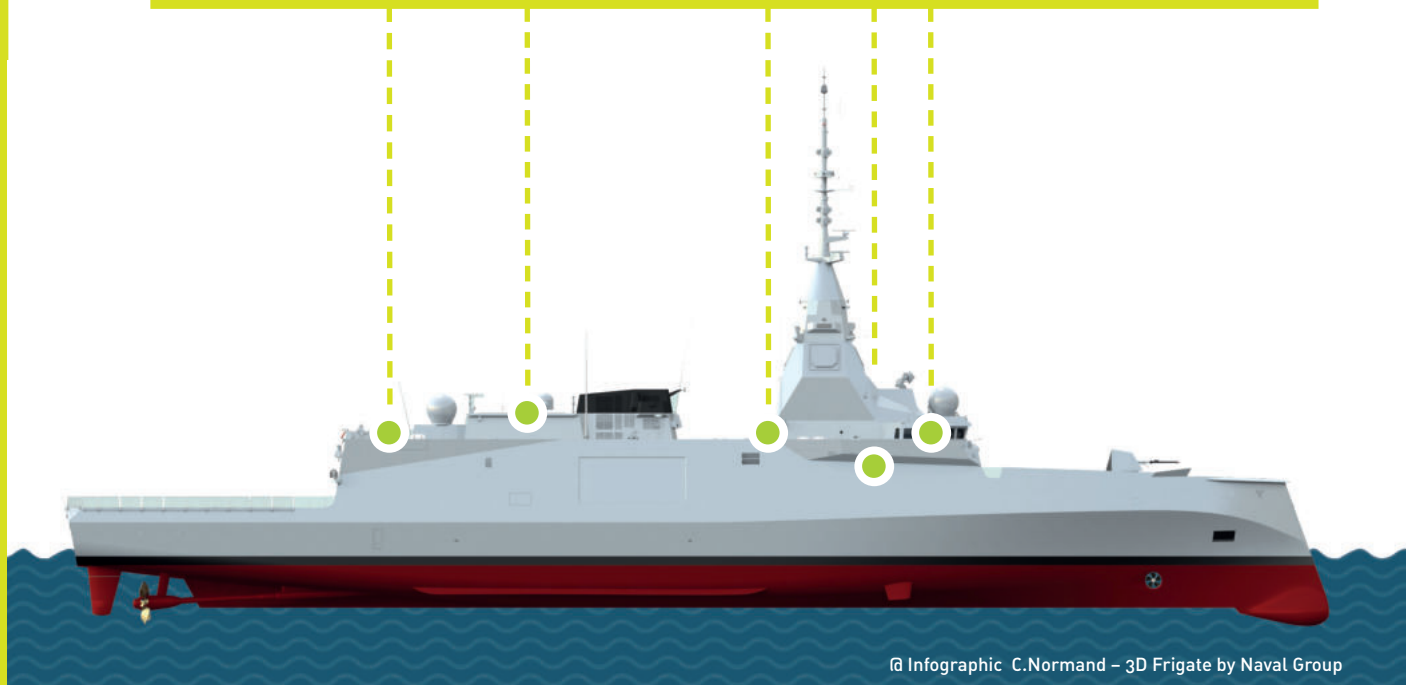


- **Customized options : we help our customers to decide all the options to get their requested displays & panels PC**

- Multiple In/Out : Digital (DVI, HDMI, Display Port, HD-SDI...) & Analog (VGA, Composite, S-video...)
- MMI: number and positioning of touch buttons
- Resolution : 1 920x1 080 pixels
- Touch sensor (resistive or PCAP)
- Viewing angle : 85°/85°/85°/85° (L/R/U/D)
- Front filter coating (AG/AR)
- High brightness for outdoor applications (1000 cd/m2 backlight)
- NVIS compliance
- CPU configuration on panel PC
- CE Certificate if required

- **Environmental constraints :**

- Operating temperature : - 10°C to +55°C (MIL-STD-810G ; optional extended range : -30°C to +70°C)
- Storage temperature : -30°C to +70°C (MIL-STD-810G)
- Humidity : 95%, non-condensing (MIL-STD-810G)
- Shock : 30G, 11 ms (MIL-STD-810G ; MIL-STD-901D optional)
- Vibration : 3G RMS random 5 to 2000 Hz



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