

Specification

A. Display

Display diagonal size.....10.4"
Resolution.....1024x768 pixels
Brightness.....>250fL in Day mode.
Contrast Ratio.....400:1
Field Of View.....±80° Hor X ±80° Ver.
NVG filtered, Day and Night modes.

B. User Control

Include 24 Pushbuttons, 4 Encoders which read by the software and are sent via serial communication channel and ambient light sensor.
Keyboard dimming voltage...0-6VDC / PWM.
Keyboard lighting color Green NVIS filtered.
Available with custom bezels.

C. Brightness control

Day/night control.
Brightness dynamic range..... 0.1fL to 200fL.
Brightness control by mechanical encoder.

D. Interfaces

J1 - MIL-STD-38999 1GB Ethernet X2
J2 - MIL-STD-38999 Dimming, discreet and RS422
J3 - MIL-STD-38999 Power

E. Operation voltage and power

Input voltage..... 28VDC according to MIL-STD-704
Power consumption..... <50W w/o heater
<100W with heater
Power on/off..... Local/remote

F. CMFD functions

GPU for Customer Applications
Display local graphics on screen
Recording capability
Serials and ETH communication
I/O control
Computation capability
Storage capability
USB socket (Optional)
Built In Test (BIT)

G. GPU specification

Integrated x86 computer Unit
RAM: 16GB DDR4
SSD: 128 / 256GB
OS: Win10 IoT (Embedded)

H. Characteristics

- a. Environmental and EMI
Standards: MIL STD 704, MIL STD 461, MIL STD 810
Operating temperature: -40 to +70°C
- b. Dimensions:
HxWxD: 254x206x100mm.
Weight: < 6.5KG