

Specification

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A. Display

Display diagonal size 4"
Resolution 800x480 pixels
Brightness..... >800 nits in Day mode.
Contrast Ratio 400:1
Field Of View..... 120° Hor.x120° Ver.
NVG filtered, Day and Night modes.

B. Keyboard

Include 16 Pushbuttons, 3 Rockers which read by the software and are sent via serial communication channel and one Rotary Switch with 3 states.
Keyboard lighting voltage... 0-5VAC, 0-28VAC, 0-115VAC, 0-5VDC, 0-28VDC.
Keyboard lighting color Green
NVIS filtered

C. Brightness control

Day/night control by rotary switch or by communication.
Brightness dynamic range..... 1-3000.
Brightness control by rocker switch .

D. Interface

A 22 pins male connector type of MIL-STD-38999
A 22 pins female connector type of MIL-STD-38999
TNC GPS antenna connector

E. Operation voltage and power

Input voltage..... 28VDC according to MIL-STD-704
Power consumption.....<30W
Power on/off..... local/remote

F. CDU-7000 functions

Display local graphics on screen
Recording capability
Serials communication
I/O control
Computation capability
Storage capability
USB socket
Integral GPS
Built In Test (BIT)

G. Computer board options

Pico-ITX Based On 5th Generation Intel Atom, WIN10 IOT , Add on SSD card.