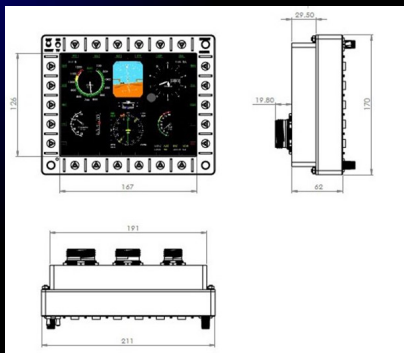




COCKPIT DISPLAY 5.6

Features:

- High Brightness (Sun-light Readable)
- Extremely Small Frame and Bezel Dimensions
- Fully User defined 18 x Bezel Buttons & switches
- Fully User defined 3xEncoder features
- Multiple Video inputs (HDMI/DVI, VGA, CVBS PAL/NTSC)
- Integrated light sensor, NVG Compatibility (Optional)
- Low Weight
- Flexible Mounting Configuration
- MIL 38999 III Backplane Circular Connectors
- Wide Range Environmental/EMI/EMC resistance
- Fully Enclosed Unit (IP66), Convection Cooling
- Ruggedized AR Touch Screen (Optional)



Highly reliable APM 5.6" cockpit display has been designed and built in SERBIA by TELEOPTIK -Gyroscopes Electro-Opto Mechanics military facility.

Rugged APM 5.6" display is particularly suitable for application in Military Mission Airborne/Ground vehicles with extremely limited installation space, such as Jet Fighter and Helicopter Cockpits and Armored vehicles.



TELEOPTIK-GYROSCOPES ELEKTRO-OPTO MECHANICS

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Tel.: +381 11 2614 522, Fax +381 11 2105 439 office@ziroskopi.rs

www.ziroskopi.rs



COCKPIT DISPLAY 5.6

APM 5.6" small bezel size, configurable I/O, flexible mounting configurations and flexible AC/DC power supply makes it a valuable solution for many mission critical applications.

Full-featured military specified APM 5.6" display can be delivered with a wide variety of standard options enabling TELEOPTIK - Gyroscopes to provide customized display fitting exact user requirements.

TELEOPTIK-Gyroscopes Electro-Opto Mechanics has over 30 years of experience in designing, producing and supporting a variety of rugged optical, computing and display solutions that serve airborne, land based and naval applications.

TELEOPTIK-Gyroscopes LCD displays are integrated into the set of 4.8", 5.6", 6.4", 8.0", 10.4", 12", 15" and 17" solutions in both portrait & landscape formats. TELEOPTIK-Gyroscopes LCD displays are designed for applications within extreme, combat like harsh environment.

TELEOPTIK-Gyroscopes has developed a standing reputation for cooperation with customers to design custom solutions and reliable products. This, together with extensive industry knowledge, makes TELEOPTIK-Gyroscopes a partner you can trust.



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COCKPIT DISPLAY 5.6



Optical	
Viewable Area	5.6" Diagonal; 112.9mm x 84.7mm
Display Type	TFT LCD w/ LED Backlight
Resolution	640 x 480
Contrast Ratio	1000:1
Brightness	1500 cd/m2
Viewing angle	+60°÷-60°(H), +65°÷-55°(V)
Touch Screen	Resistive
NVG	NVG Compatibility (Option)
Overall Unit	
Dimensions	157mm x 127mm x 30mm
Weight	
Power Input	19 ÷ 32 VDC
Power Consumption	10W
I/O Options	1xHDMI/DVI+1xVGA+1xCVBS+1xRS422 Bezel control+1xRS232 TS
Connectors	Circular MIL-38999 serial
Enclosure	Aluminium (No openings)
User Controls	18xBezel buttons, 3xEncoders, OSD, Day/Night Switch
Environmental and Mechanics	
Operating Temperature	-20 ÷ 55 °C
Storage Temperature	-40 ÷ 70 °C
Vibration, Shock, Alt, Humidity	MIL-STD-810G
EMI/EMC	MIL-STD-461/464



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