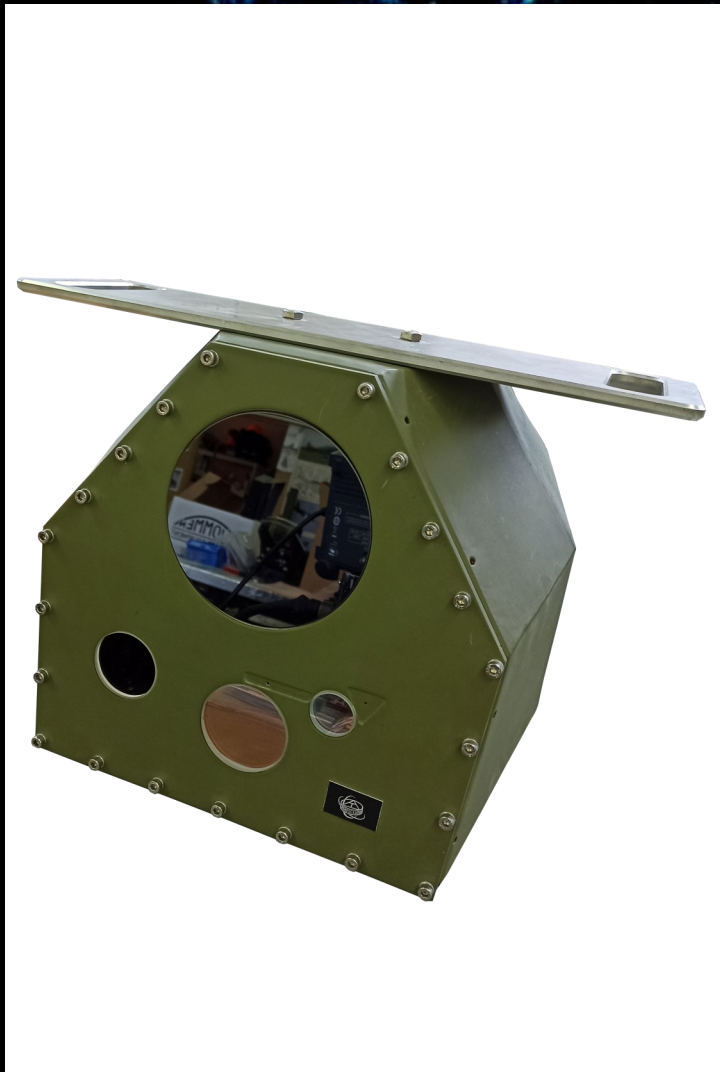




# FIRE CONTROL SYSTEM 30 mm

## Features:

- Intel Core i5 1.9 GHz Quad Core 4/8GB DDR3, 256Gb SSD Computer
- High Brightness (Sun-light Readable) 10.4" TFT Display with 28xBezel Buttons
- Ruggedized integrated LRF, Thermal& TV camera Electro Optical sight subsystem
- 30mm Cannon Fire Control System software implemented
- User defined functions of 28xBezel Buttons and 3xEncoder
- OS: Windows 7, 8, 10, VxWorks
- 2 Independent CVBS (PAL/NTSC) Analog Video Inputs
- External Video Output 1xHDMI/ DVI or 1xVGA
- Multiple I/O ports including 2xCANBus, multiple UARTS
- Analog/Digital signal processing support
- Ruggedized AR Touch Screens integrated
- MIL 38999 circular connections support
- Robust and fan less convection cooling
- Light sensor included, NVG Compatibility (Option)
- EMI/EMC wide range resistance
- Fully MIL-810G qualified
- Low Weight



RSUV-30 30 mm cannon Fire Control System consists of computer, integrated Electro Optical sight subsystem and two 10.4" TFT Displays. RSUV-30 is a highly reliable, ruggedized information system RSUV-30 is an ideal solution for military vehicle turrets with 30mm Cannon integrated.



TELEOPTIK-GYROSCOPES ELEKTRO-OPTO MECHANICS

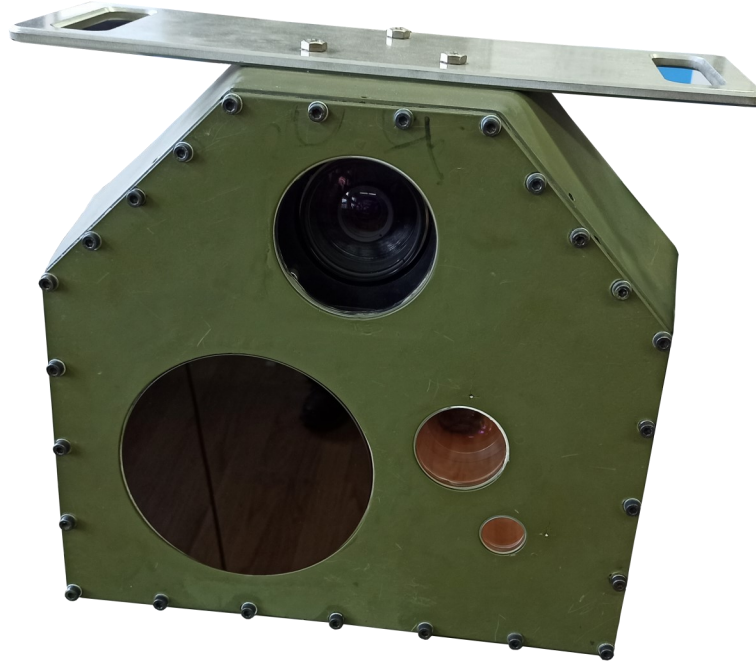
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# FIRE CONTROL SYSTEM 30 mm



RSUV-30 is optimized for use within harsh environment of Military armored vehicles with limited available installation/integration space.

RSUV-30 is an open architecture military ruggedized Fire Control System enabling integration of wide scope of user defined components such as gun motion/actuation system, gun operator controls of sensing and fire control, additional monitoring devices, ...

RSUV-30 is opened for implementation of calculation of ballistic of various 30 mm projectiles.

RSUV-30 can be connected to 2 independent touchscreen displays allowing the users to carry out tasks such as:

- Target acquisition and aiming by using Electro Optical sight subsystem within all segments of armored vehicle mission,
- Execute the surveillance/armament control function of a OE sight system and Gun movement
- Record mission execution and plays it back within debriefing session.

Detailed information about RSUV-30 Fire Control System connecting capabilities available on customer request.



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# FIRE CONTROL SYSTEM 30 mm

Processor and Interface Characteristics	
Processor & Memory & SSD	Intel Core i5 1.9Ghz Quad Core, 4/8, 256GB
Operation System	Windows 7, 8, 10 / VxWorks
UARTS	4x RS – 232, 3x RS – 422
CAN BUS / Ethernet	2 Independent isolated channels / 1 channel
Discrete Input/Output (5V)	32 programmable defined
Analog Inputs / Outputs	16 single ended / 8 differential / 2 ( $\pm 10V$ with modulated amplification)
Analog VIDEO Input	2 independent channels (625/25 PAL & 525/30 NTSC)
Display Output / AUDIO Output	1xHDMI/DVI + 1xVGA / 1 Audio output
User Controls	28xBezel buttons, 3xEncoders, OSD, Day/Night Switch
I/O User Options	1xRS422 Bezel control + 1xRS232 TS
Optical & Visualization	
Viewable Area	10.4" Diagonal; 210.4mm x 157.8mm
Display Type	TFT LCD w/ LED Backlight
Resolution	1024 x 768
Contrast Ratio	1000:1
Brightness	1500 nits
Viewing angle	$+88^{\circ} \div -88^{\circ}$ (H), $+88^{\circ} \div -88^{\circ}$ (V)
Touch Screen	Resistive
Environmental and Mechanics	
Dimensions	
Weight	
Connectors	Circular MIL-38999 serial
Enclosure	Aluminium (No openings)
Temperature, Vibration, Shock	MIL-STD-810G
EMI/EMC	MIL-STD-461/464
Power	24VDC, 2.7A



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