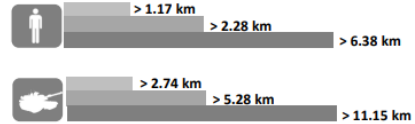


Specificații tehnice

[Acest tabel va fi completat de către ofertant în coloanele 2, 3, 4, 6, 7, iar de către autoritatea contractantă – în coloanele 1, 5]

Numărul procedurii de achiziție: [ocds-b3wdp1-MD-1773309678627](#)

Obiectul de achiziției: **Sisteme de termoviziune**

Denumirea bunurilor	Denumirea modelului bunului	Țara de origine	Producătorul	Specificarea tehnică deplină solicitată de către autoritatea contractantă	Specificarea tehnică deplină propusă de către ofertant	Standarde de referință
1	2	3	4	5	6	7
Sisteme de termoviziune	EOIR Rugged Day Night PTZ Surveillance Camera Model: EOD-100-KREX-VPE	India	Tonbo Imaging India Private Limited	Conform specificațiilor din Anexă	<p>FEATURES & CAPABILITIES</p> <ul style="list-style-type: none"> ▪ Integrated <ul style="list-style-type: none"> ▪ Uncooled LWIR TI with Continuous Optical Zoom ▪ HD Daylight Imager with Continuous Optical Zoom ▪ Laser Range Finder ▪ Onboard Realtime Video Enhancement <ul style="list-style-type: none"> ▪ Defog / Dehaze ▪ Detail Enhancement ▪ Electronic Image Stabilization ▪ Integrated Auto Video Target Tracking ▪ H.264 Compressed Video Over IP ▪ MIL-STD-810G Qualified ▪ ONVIF Profile S compliant <p>APPLICATION</p> <ul style="list-style-type: none"> ▪ Coastal Surveillance ▪ Border Surveillance ▪ Perimeter Intrusion ▪ Mobile Surveillance Vehicles <p>DRI</p>  <p> IDENTIFICATION RECOGNITION DETECTION </p> <p><small>Note: Actual range may vary depending on environmental conditions and user experience. DRI offered is based on Johnson's Criteria and STANAG 4347 Assumptions: Human Critical Dimension 0.95m2, vehicle 2.3m2 DRI as per 50% probability of achieving objective at specified distance given 2°C temperature difference and $\sigma = 0.2/\text{km}$ for atmospheric attenuation factor</small></p> <p>THERMAL IMAGER</p>	

SENSOR TYPE Uncooled Vox
 Microbolometer RESOLUTION
 640x512
 PITCH 12µm SPECTRAL RANGE 8
 - 14µm (LWIR)
 SENSITIVITY < 40mK at f/1.0
 POLARITY White Hot/ Black Hot /
 Color
 FOCAL LENGTH 30-180 mm
 FOV 14.6°-2.5°
 OPTICAL ZOOM Yes, 6X
 Continuous
 DIGITAL ZOOM Yes, Up to 8X
 FOCUS Auto / Manual (remote)
 IMAGE PROCESSING DDE, DNR,
 NUC, Contrast, Brightness,
DAYLIGHT CAMERA
 SENSOR 1/1.9”
 CMOS RESOLUTION 1920 x 1080
 OPTICAL ZOOM 30X Continuous
 DIGITAL ZOOM 8x Continuous
 FOV 59°- 2.25° Focus Auto /
 Manual(remote) MIN
 ILLUMINATION Color: 0.001Lux
 @(F1.5, 25 fps) B&W: 0.0001Lux
 @(F1.5,25fps) IMAGE
 PROCESSING Defog, EIS, WDR,
 DNR, Auto/Manual WB, AGC
PAN TILT
 PAN RANGE nx360°
 MATERIAL Aluminium TILT
 RANGE ±90°
 ACCELERATION 30°/s2 Az & El
 MIN SLEW RATE 0.001°/s Az & El
 MAX SLEW RATE 60°/s Az & El
 POSITIONING ACCURACY ± 0.02°
 BRAKE Self locking
LASER RANGE FINDER
 TYPE 1540nm, eye-safe Class I
 RANGE 50m – 32000m
 PRECISION 0.5-1.5m (depending on
 the distance and target reflectivity)
 DIVERGENCE 0.35 mrad
 REPETITION RANGE 10 meas. per
 min ((up to 40 meas. per min with
 reduced power / range)

AUTO VIDEO TARGET TRACKER

MODES Moving Target Indicator, Area/Phase Correlation Centroid, BPP
MIN CONTRAST 4%
MIN TARGET SIZE 3x3 pixels (10TVL)

INTERFACE

OUTPUT TYPE Daylight & LWIR
VIDEO OUT HD-SDI/Analog /Ethernet H.264
VIDEO STREAM RTSP / ONVIF Profile S

CONTROL INTERFACE Ethernet/RS232
PROTOCOL Tonbo TNBID/ONVIF
RADAR INTEGRATION NMEA0183
VOLTAGE 18-32V DC
POWER 75 W (Without heaters) 200W (with heaters)

PHYSICAL DIMENSIONS

WEIGHT < 45kg

ENVIRONMENTAL

SHOCK & VIBRATION MIL-STD-810G
ENCAPSULATION IP67
HUMIDITY <95%RH
OPERATING TEMP -32°C to +55°C

CONSOLE WITH JOYSTICK JOYSTICK

TYPE USB
CONTROLS 3-axis, 2 buttons
BUTTONS 10 Programmable Buttons

CONSOLE

PROCESSOR Intel Core i7 -14700 (2.1 - 5.3GHz) 33MB 20 each/ 28niti, vPro Enterprise and analog
OS Windows 11 Pro 64
RAM 32 GB DDR5 4800 MHz (1x32GB)
SSD 1TB PCIe-4x4 2280 NVMe TLC
VIDEO PROCESSOR nVidia T1000 8 GB GDDR6 PCIe, 4x mDP (3x adapter mDP to DP) sau analog
CASE TYPE Tower (TWR)
CHIPSET Intel Q670 or similar
POWER SUPPLY 550W

					<p>FRONT CONNECTORS 1x USB-C 3.2; 4x USB 3.2 Gen2 (one with charging); 1x audio input/output combo</p> <p>REAR CONNECTORS HDMI 1.4; 2x DP 1.4a; 3x USB 3.2 Gen1; 3x USB 2.0; 1x RJ-45; 1x audio output.</p> <p>CARD READER SD 4 in 1</p> <p>EXTENSIONS 1x M.2 2230; 1x PCIe Gen4 x16; 1x PCIe Gen4 x16 (wired as x4); 2x M.2 2230/2280; 2x PCIe 3.0 x1</p> <p>DRIVE BAYS 2x 3,5''</p> <p>KEYBOARD AND MOUSE included</p> <p>LOUDSPEAKER internet 2 W</p> <p>WIRELESS CONNECTIONS Realtek 8852BE Wi-Fi 6 + Bluetooth 5.3 WW WLAN4H0E9AV</p> <p>WIRED CONNECTIONS Gigabit Network</p> <p>OPTICAL DRIVE DVD-RW slim</p> <p>RAID Yes</p> <p>SECURITY TPM 2.0 module, Kensington lock slot</p> <p>MONITOR</p> <p>SIZE 24-inch FHD monitors</p> <p>IPS YES</p> <p>ANTI GLARE YES</p> <p>LOW BLUE LIGHT YES</p> <p>BRIGHTNESS ≥ 250 cd/m²</p> <p>RESOLUTION 1920 x 1080</p> <p>CONTRAST $\geq 1000:1$</p> <p>HDMI YES</p> <p>DISPLAY PORT YES</p> <p>MOUNT VESA</p> <p>SOFTWARE- FEATURES</p> <ul style="list-style-type: none"> • Image fusion, Complete EO system management • Programmable keyboard, mouse, joystick buttons • Touch support and optimisation • Status report • EO camera controls • Pantilt control • Picture in picture • Zoom sync 	
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					<ul style="list-style-type: none">• Secondary camera control• Panorama photos• Presets• Bit• System information• Recording and snapshot• Full screen mode• Video tracking, electronic image stabilisation	
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Semnat: Dmitri ALEXEEV. În calitate de: Administrator

Ofertantul: GHESAR SRL Adresa: Str. Mitropolitul Varlaam 75 of. 31, MD-2012, CHISINAU, MOLDOVA.