TV HOMING HEAD 200 mm

The GSN 200 mm TV homing head is a highly reliable system. The GSN 200 mm TV is the ideal solution for integrating smart weapons into remote-controlled and self-guided aircraft and self-guided missiles.

Depending on the needs of the user, the GSN 200 mm TV can be prepared/integrated into the aircraft/rocket so as to satisfy both modes of the terminal phase of the flight LOBL - pre-launch lock and LOAL - post-launch lock.

The GSN 200 mm TV is equipped with electronics for control, stabilization and video processing that is integrated around the mechanical structure that carries the TV sensor. Additional input to the system allows simulation of the mission from launch to the terminal phase of the flight.

The pilot interface and a set of software routines enable the control of all observation functions as well as the control of the GSN-200 mm TV in all phases of flight.

Characteristics:

Detector type	1/2,8 type "EXMOR R" CMOS sen-sor
Resolution	2130 kPix
Field of view	$63,7^0$ (1X zoom) – $2,3^0$ (30X zoom)
Image frequency	25 Hz
Zoom	30X optical, 12X digital

Monitoring objects possibility:

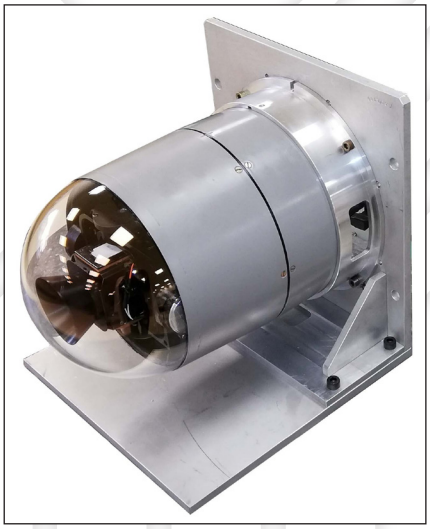
Tracking algorithm	Contrast / correlation
Radial tracking speed	10^0/s

System performance:

Stabilization system	Position / speed
Azimuth range	-50^0 - $+50^0$
Elevation range	-80^0 - +80
Angular speeds (both axes)	60^0/s

System interface:

Video input	Pixel port (LVDS)
Aux Video input (opcional)	HD-SDI (1080p, 25Hz)
Video output	HD-SDI (1080p, 25Hz)
Remote control interface	RS 422
TV camera interface	RS 232/ TTL



Environment - external influences:

Operating temperature	-20^0 C - $+55^0$ C
Storage temperature	$+10^0$ C - $+45^0$ C

Power supply:

Power	28V DC (±10%)
Nominal consumption	0,7A tipically, 8A max

Physical characteristics

Caliber / Length	200 mm / 258 mm
Mass	3261

Should you have any further enquires, please do not hesitate to contact us at **office@yugoimport.com**