

**GENERAL SPECIFICATION****TECHNICAL FEATURES**

Weight (without mount)	5 Kg
Dimensions	Dia. 180 mm, H= 280 mm
Power supply	18 to 36 V DC
Required power	Max 150 W
Video output	PAL
Interface	RS232
Functional modes	Rate, Tracking, Position
Pan rotation range	nx360°
Tilt rotation range	-10° to +85°
Slewing Rates in two axis	Max 60°/s, Min 0.1°/s
LOS Stabilization (in oscillation period 6 – 8 s)	< 100 Micro radian
Angular resolution	0.1°
MTBF	500 h
Vibration test	6 g in vertical and lateral axis
Operational temperature range	-20°C to +50°C
Storage temperature range	-30°C to +65°C

TV Camera Specification

Sensor type	Color1/2.8 inch, ExmorCMOS Sensor
Resolution	Full HD
Lens focal length	F=4.3 (wide) to 129.0 mm
Optical magnification	30x optical zoom lens
Field of View	55.4° (Wide) , 2.9° (Tele)
Focusing type	Automatic/Manual
Minimum Illumination	1.7 lx
Video Output (*)	HD: Analog component (Y/Pb/Pr) Analog SD: VBS

IR camera specification

Detector Type	Uncooled FPA
Resolution	640 x 512 pixels
Field of View	10.4° × 8.3°
Focal length	95 mm
NETD	< 50 mK at f/1.25
Spectral range	7.5 – 13.5 μm
Video output	25 Hz, PAL

	Edge Based Corr.	Corr.	Cent (Black/White)
Gated Target	4	5	5
Low resolution Target	3	5	1
IR Camera	3	4	5
Dynamic Object Fast Change	3	3	5
General purpose	4	5	3
Occlusion Environment	4	4	1
Crowed Area	4	4	1