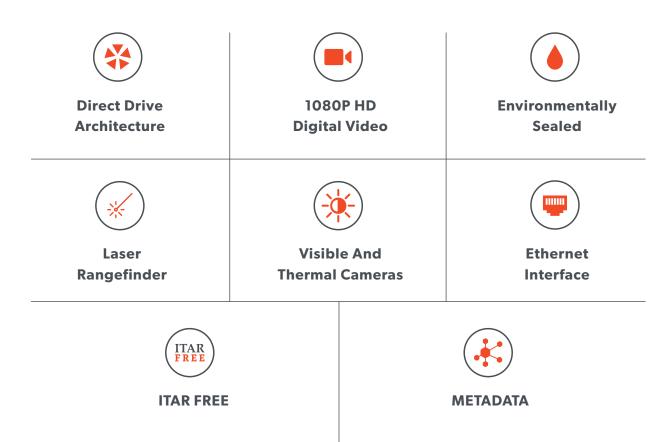
MARS ROBOTICS مارس روبوتکـس

PRODUCT DATA SHEET MARSEYE 110



OVERVIEW:

The MARSEye110 is an advanced 2-axis gimbal surveillance system engineered for seamless integration with unmanned aerial vehicles (UAVs). Equipped with a high-performance 30x electro-optical (EO) camera, a 3x long-wave infrared (LWIR) camera, and a laser rangefinder, it is the perfect solution for border security, public safety, infrastructure inspection, and environmental monitoring.



Email: info@marsrobotic.com

Fax: +962 27102044 Phone: +962 27102026 Address: Wasfi Al Tal Street, P.O Box 2233, Irbid 21163, Jordan

SPECIFICATIONS:

Input Voltage		48V	
Average Power		15W	
Peak Power		75W	
Electro-Optical sensor		Thermal Imager	
resolution	1920×1080p	Туре	LWIR 640x512P
НГОУ	61.5° (Wide) to 2.3° (Tele).	Thermal Imager	6.2° (H), 4.6°(V)
Max Optical Zoom	30X	Thermal Imager Iens	75mm F1.0
Update rate of deviation pixel	30Hz	Update rate of deviation pixel	30Hz
Defog	Yes (low / mid / high)	Detective Distance (Man: 1.8x0.5m)	2610 m
Aperture control	16 steps	Recognize Distance (Man: 1.8x0.5m)	653 m
Minimum object size	16*16 pixel	Verified Distance (Man: 1.8x0.5m)	408 m
Maximum object size	256*256 pixel	Detective Distance (Car: 4.2x1.8m)	6708 m
Tracking speed	±48 pixel/frame	Recognize Distance (Car: 4.2x1.8m)	1677 m
Object memory time	100 frames	Verified Distance (Car: 4.2x1.8m)	1048 m
Laser Rangefinder		3Km	
Encoder resolution		0.02°	
Size		160mm x 250mm	
Weight		1.7 Kg	

Email: info@marsrobotic.com

Fax: +962 27102044 Phone: +962 27102026 Address: Wasfi Al Tal Street, P.O Box 2233, Irbid 21163, Jordan