



THE HI-TECH ROBOTICS SYSTEMZ LTD.

EVOLUTION THROUGH INNOVATION

IRIS: INTELLIGENT REMOTE INFORMATION SENSOR



SPECIFICATIONS

IRIS - Sensor

i. Dimensions	:	< 90 mm Diameter
ii. Weight	:	< 590 gm
iii. Stabilization and Motion	:	Quick Stabilization
iv. Rechargeable Battery	:	Lithium ion Battery
v. Operating Range	:	
LOS	:	90 m*
NLOS	:	25 m*
vi. Battery Charging Time	:	2 Hrs
vii. Battery Charge Input	:	180-240V, 50 Hz AC
viii. Night Operation Capability	:	Provide vision in pitch dark room
ix. Temperature Capability	:	-20 to +55 degree C
x. No of Camera	:	2
xi. Battery Operation Capacity	:	2 Hrs (Operation time is calculated on 60% duty cycle)

LIST OF APPLICATIONS

- Raids and Entry Teams
- Search & Rescue Operations
- Surveillance Operations
- SWAT Operations
- Hard to reach area Investigation & Clearing
- Deployable through Pole, Rope/Wire



LIST OF FEATURES

- 360⁰ Audio and Video Coverage
- Night Vision Capability
- Audio/Video Transmission
- Speed of Sensor Rotation
- Ability to Detect Human Voice
- Day/Night Operation
- Throwable
- Operation up to 2 hours*
- Stand by Option
- No Physical On/Off Switch
- Recording Optional
- Interface with Commandor Kit

THE HI-TECH ROBOTIC SYSTEMZ LTD.

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