



THE HI-TECH ROBOTICS SYSTEMZ LTD.

EVOLUTION THROUGH INNOVATION

NGR: NOVUS GUARD ROBOT (BOMB DISPOSAL ROBOT)



SPECIFICATIONS

i. Dimensions	:	1140 x 472 x 742 mm
ii. Weight	:	120 kg
iii. Endurance	:	2 Hrs*
iv. Rechargeable Battery	:	Yes
v. Operating Range	:	
LOS	:	500 m*
NLOS	:	100 m*
vi. Battery Charging Time	:	4 Hrs
vii. Battery Charge Input	:	24V, 18A/hr
viii. Night Operation Capability	:	Yes
ix. Operating Temperature	:	-20 to +55 degree C
Range	:	
x. No of Camera	:	5

LIST OF APPLICATIONS

- Inside Aircraft
- Inside Train
- Within Buildings
- Urban Environment
- Passenger Terminals
- On Ferries & Ship



LIST OF FEATURES

- Manipulator - 2.5 m vertical
- Lifting Capability - 8 Kg (Vertically & Horizontally)
- Dragging Capability : 75 Kg or more
- Stair Climbing - Yes
- Mobility - All terrain
- Portable Master Command & Control Unit
- Real Time Video & Audio
- Payloads -X Ray, Water jet disrupter, Laser pointer, Shotgun
- Carry Explosives
- Flippers

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