



# Unfair Advantage!



## HOTSHOT

Detecting camouflaged targets through smoke and complete darkness is now possible with HOTSHOT. An advanced and affordable tool in the fight against terrorism and for Homeland Security. Designed specially for special forces, police and anti-terrorism teams. MTECH developed this new thermal sight for weapon mounted use and it has the option to be used as a handheld surveillance tool. It is designed to be easily integrated with Future Soldier System requirements.

HOTSHOT is lightweight, compact and rugged targeting system which enables detection and acquisition of moving man size objects beyond 300 metres. Unlike image intensified night vision devices, HOTSHOT easily detects targets from the environment based on their heat signature.

HOTSHOT features a video output port for an external display or recorder. This makes HOTSHOT suitable for extended threat detection and surveillance missions. It is easy to use and powered by AA sized batteries.

Equip your target acquisition capability with HOTSHOT and give your forces the unfair advantage – a force multiplier effect.



## Infrared Now!



## Specifications

Description	Characteristics	Performance
Detector	Material & Structure Spectral Response Thermal Sensitivity Refresh Rate	Amorphous Silicon Microbolometer (160 x 120 pixel array) FPA 8 ~ 12 $\mu$ m (filter bandwidth) <50mK 30 FPS
System Performance	Start-up Time Gain/ Brightness Range to Detect Human Activity	2 sec (cold start) Automatic Up to 300 Meters
Optics	FOV Focus Min Focus Distance	25" x 19" Manual 20cm
Video	Output Format(s) Output Resolution Image Polarity	Analog: NTSC 640 x 480 pixels WH/BH
Display	Display Type Brightness Control	OLED B/W Viewfinder Stepless, level up and down
Power	Internal Power Endurance on 4 x AA Alkaline External Power	4 x AA Batteries Up to 3hrs 12v dc
Interface & Controls	Function Buttons Video Out/External Power Weapon Interface	4 "Quick Buttons" IP 67 1/3 turn connector P-Rail (Mil)
Physical Characteristics	Size Weight Operating Temperature Storage Temperature Encapsulation	235mm, including rubber eyecup(L) x 72mm(H) x 85mm(W) 800grams w/o weapon mount -40°C to 60°C -40°C to 80°C IP 67
Optional Items	Palm Strap Neck Strap P-Rail Weapon Attachment IP67 External Video/Power Cable	HS-2500-HS01 HS-2500-NS01 HS-2500-AP01 HS-2500-AP02

All specifications are subject to change without prior notice.

### Authorized Dealer

**MTech Imaging Private Limited**  
 221 Henderson Road #04-06 Henderson Building Singapore 159557  
 Tel: (65) 6237 7886 Fax: (65) 6273 8618  
 Website: <http://www.mtech-imaging.com>  
 Email: [info@mtech-imaging.com](mailto:info@mtech-imaging.com)