

MIC Series Cameras assist in counter-IED fight



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“With their robustness, excellent thermal performance, zoom capabilities and lens, the MIC Series Cameras best fit the bill for the customer.”

Mark Chapman, Head of Services, MineWolf Systems AG

Project: Mini MineWolf Machines

Sector: Defense

Product: MIC Series Thermal Cameras

Cameras Serve as Soldiers' Eyes in the Field

MineWolf Systems' Mini MineWolf machines are being used by the British and German armies to clear routes in Afghanistan. The armies use the Mini MineWolf technology in their fights against improvised explosive devices (IEDs), thereby enhancing the safety of troops while on patrol. These unmanned machines are operated remotely, requiring cameras to allow soldiers to run the machines from a protected area.

Problem: Soldiers Need Remote MineWolf Control

- Soldiers must operate the Mini MineWolf technology from a safe distance—often further away than the naked eye can see
- Machine runs in all weather and environmental conditions, including heavy dust and complete darkness
- Cameras must withstand significant vibration and provide zoom levels necessary to detect potential IEDs

Solution: MIC Series Thermal Cameras Provide Sight in Harsh Conditions

- The MIC Series deliver up to 36x optical zoom and contain both a high quality optical day/night camera module and a thermal imaging module side-by-side within the housing
- Soldiers can switch from a high resolution camera to a high performance thermal camera at the press of a single button on the control keyboard
- Cameras feature an IP 67-rated housing for protection against dust and water ingress, a long-life silicone wiper, and are certified to withstand vibration and shock

Results: Cameras help to improve safety of soldiers

- MIC Series Thermal Cameras enable remote operation of Mini MineWolf technology from a distance
- Images provide the detail needed to assist in clearing IEDs from the field
- Mini MineWolf solution enables greater freedom of troop movement to conduct operations



Mini MineWolf systems are deployed by the British Army in Afghanistan



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