

SensoCopter

VTOL Micro Unmanned Aerial Vehicle System



VTOL Micro Unmanned Aerial Vehicle System for Surveillance and Reconnaissance in Close-in Scenarios

- Numerous EO/IR payloads (visible, uncooled Infra-Red, low-light-level TV)
- Gas probe payload
- Perching
- Alarm verification system
- Military Operations in Urban Terrain (MOUT)
- Data relay



- Flight control system to control the aircraft autonomously with
 - Global Positioning System (GPS)
 - Accelerometers
 - Micro-mechanical gyros
 - Temperature and humidity sensors
- Way-point programming
- On-line data down-links for video and digital data
- Visualization on video-glasses and any chosen monitor
- Excellent tele-presence with use of video glasses
- Interface to surveillance operation centres
- Automatic safety procedures implemented



- Range several kilometres
- Endurance several tens of minutes
- Extended environmental use
- Ruggedized transport box

Diehl BGT Defence GmbH & Co. KG
P.O. Box 10 11 55
88641 Überlingen
Germany
Phone +49 7551 89-4075
Fax +49 7551 89-4269
ingo.schwaetzer@diehl-bgt-defence.de
www.diehl-bgt-defence.de