

Unmanned Air Vehicle SIM-SkyEye



Remote controlled and autonomous navigation mode

Applications:

- Documentation
- Coordination
- Observation
- Communication

Features:

- Remote controlled operation mode
- Autonomous operation mode with GPS waypoint navigation
- Operating range up to 500m
- Payload up to 200g
- Flight duration at least 20 min. depending on the payload and temperature

Options:

- Videoglasses allow flights behind the line of sight
- Camera for high resolution digital photography
- Dawn b/w video sensor with high sensitivity
- Daylight color video sensor
- Thermal image camera



Technical Data:

| | | |
|-----------------------------|---------------------|---|
| Physical Characteristics | Material | Light-weight structural resin with neoprene o-ring seal |
| | Weight | < 900 g |
| | Payload capacity | < 200 g |
| | Size | 70 cm diameter |
| Operational Characteristics | Flight duration | > 20 min, depending on payload |
| | Operation distance | > 500 m |
| Sensors | Color videocamera | 470 TV-Lines |
| | B/w dawn | 0,0003 Lux |
| | Digital photocamera | 6 Megapixel |
| Power | 4 cell Lipo | 14,8 V 2300 mA |



Produktname: SIM-Sky Eye
 Bestellnummer: 197.100.0