



R.O.V
(remotly operated vehicule)
ACHILLE M4

Rev 1.1

21 Nov. 06



Length: 720mm / width: 600mm height: 510 mm / weigth: 85 kg

Description:

- 1 front colour High Digital Video
- 2 halogen light (2*250W)
- 1 sonar for altitude monitoring (distance to sea-bed)
- 1 pressure sensor for depth monitoring
- 1 fluxgate (magnetic) for head monitoring
- 1 built-in navigation sonar (range 0 – 25m or 0 – 50m)
- 2 thrusters for horizontal driving (forward/backward)
- 1 thruster for vertical motion
- 1 thruster for lateral motion
- 1 0.5 meters length 3-axis manipulator (possibility of taking loads of 4 kg)
- 1 Umbilical (between the control console and the vehicle): standard length 300m
- 1 Power generator 4 KW

Capabilities:

- Maximum diving depth 300 m
- Underwater video recording HDV
- Surface video recording miniDV
- Surface diving parameters recording (text file)
- Using from small boat or vessel , from bank or from Ice hole
- No restriction air transport

Methodology:

- Transect above the sea-bed
- Vertical or horizontal submarines observations

Service:

- Two pilots
- Video HD assembly like your choice on numerical storage