REMOTE OPERATED VEHICLE
CYCLOPS MK4D

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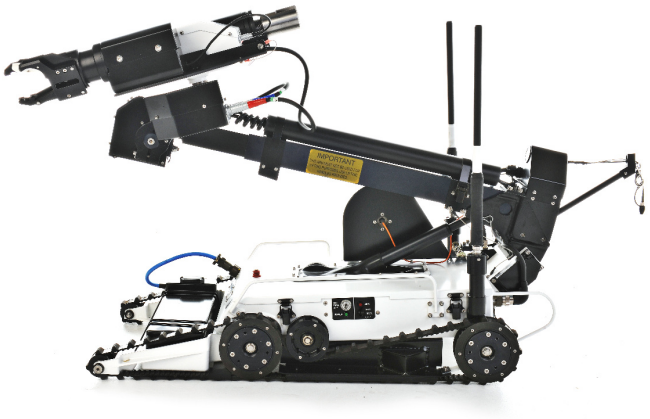
NSN 1385-99-835-4885

The **Cyclops MK 4D** is the latest development in the Cyclops series, it has been developed from the well–proven variants in service with military and law enforcement organisations worldwide.

Now available in a digital version incorporating a COFDM radio system for enhanced performance.

Cyclops has a proven capability to : open doors, move furniture, search overhead lockers, search underneath vehicles seats, search vehicle boots / trunks / engine compartments, search bunk….



Vehicle control functions include:

- Vehicle drive, proportional joystick control
- Brake on / off control
- Arm extension and retraction, 2 speed control
- Arm raise and lower, 2 speed control
- Payload carrying head, pan and tilt controlled by joystick
- Automatic configuration for stair climb and descent
- Articulated drawbridge, automatic / down control
- 1 of 4 camera selection system
- Colour camera zoom control
- Auxiliary camera tilt facility (if fitted)
- Video / data channel selection
- Arm control for firing circuits with visual indication of armed status
- Fire control for each of 4 firing ccts
- Manipulator rotate and jaw control
- Drive system slow/fast speed control

TECHNICAL DATA

Size & weight
Width 395 mm max in tracked configuration, 535 mm max in wheeled config.
Length : 870 mm drawbridge down 790 mm drawbridge up,
Height (Stowed) : 400 mm Max
Weight (without payload or accessories) 34 kg

Manoeuvrability & Speed
Proportional control, 0-3 km/h tracked configuration, 0-6 km/h wheeled config.
Water fording capability: 65 mm tracked configuration, 135 mm wheeled config.
Towing capability: >1000 kg (terrain dependent)

Extending Arm
Extended length greater than 2 metres, retracted length within vehicle footprint.
Position of arm:- Adjustable from +90 degrees (vertically upwards) to minimum -7 degrees (below horizontal).

Payload carrying head (situated on extending arm).
Pan facility:- +/- 185-degree rotation from normal front facing position.
Tilt facility:- +/- 90 degrees from normal horizontal position with automatic system to keep head level as arm is raised and lowered.
Maximum payload: 10Kg (Dependant on arm position)