
PAAPL

Peace Arms & Ammunitions Private Limited

A FIRST LINE OF DEFENSE TO SAVE LIVES



COMMITMENT

COMPETENCE

CHARACTER

VISION

It is our mission to develop unmanned robotic systems to protect our soldiers and to reduce overall casualties. Robotic Systems are intended to provide meaningful reconnaissance and protection. Soldier casualty leads to a reduced morale in the forces. Unmanned vehicles limits the use of extreme measures leading to reduced casualty thereby increasing morale of the forces.

COMMAND VEHICLES

Critical Response Command Vehicle



Riot Control Command Vehicle

13



CRITICAL RESPONSE COMMAND VEHICLE

14



RIOT CONTROL COMMAND VEHICLE

13 CRITICAL RESPONSE COMMAND VEHICLE

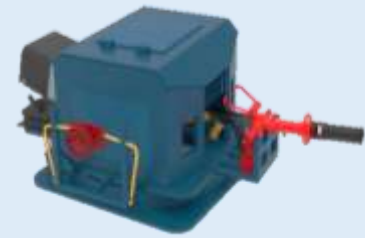
Critical Response Command Vehicle is mobile control and command station capable of carrying all types of surveillance equipment to give Complete situational awareness of the Environment

Turret Mounted Fire : Omni directional turret is provided with the firing system to ensure protection of the troops

Body catcher : body catcher net firing system is provide on the turret to fire the net on the mobster, ensuring no harm is created to the troops and the person

Robust design : Every soldier within the vehicle will feel secure with the Armour & safety mechanisms.

Artificial intelligence system : AI enabled for suspicious activity detection, person identification & evidence management.



Surveillance : The vehicle has PTZ cameras to identify suspicious activity from safety.

Penetration : The vehicle has the ability to respond and penetrate road blocks.



Integrated drone : Integrated Drone with Tear Gas Launch features for surveillance and safe & secure Tear Gas Dissemination.

CRITICAL RESPONSE COMMAND VEHICLE



SPECIFICATIONS

Vehicle specifications

Transmission type	: 4 X 4
Tyre type	: Tubeless Tyres
Spare wheel	: Yes
Braking power	: 300 BHP
Ground clearance	: 200 mm
Max speed	: 90 km/h
Sliding ramp	: Yes
Air-conditioning type	: Roof top
Rotating All weather proof Flood Light	

Power systems

Generator rating	: 7.5 KVA Generator
Generator feature	: Key / Ignition Facility
Running time	: 12hr
External cable length	: 50m
Central Change to switch between DC and Mains	

Surveillance systems

CCTV cameras	: 10X optical Zoom
Camera output	: Colored

Recording Facility with LCD screen and monitoring

Protection systems

- 2 X Fire Extinguisher of 5 kg ABC type
- Communication Systems
- Revolving light
- Siren
- Megaphone fitted
- Vehicle Top
- Water Jet Disrupter

Control stations

Multiple Control Stations to Operate ROV
Mobile Control Stations for Testing
Investigation Equipment cabinet
Secured and Operable within and Outside Vehicle

Housing

Refrigerator	: 50 L Capacity
Convection Microwave	: 18 L Capacity
Stainless Steel Water Tank	: 50 L Capacity
Hot & Cold Water Dispenser	: 10 L Capacity
Foot Operated Wash Basin	

14 RIOT CONTROL COMMAND VEHICLE

Riot Control Command Vehicle is capable of monitoring and controlling a riot situation, securing itself in any eventuality.



Hydraulic Shovel

- Hydraulically operated shovel (500 kg push)
- 24/7 operable
- Active Manual Override backup system.

All round protection

- Stainless Steel Mesh having maximum visibility.
- Semi armored sheets covering.
- Non grip Flat surface body.



Omni Directional Turret

- Multifunctional Turret System capable of mounting
- MPSL Firing Systems | Focus Lights
- Body Catcher
- Gun Firing Port | Drone Operation

Drone Landing System

- Drone Landing platform.
- Drone enclosure plate.



Foaming System

- Protection against Petrol Bombs
- Manual side activation
- Full body coverage
- 500 liters foam capacity

Flat Run Tyres

- 20 km flat run coverage
- Increased rim thickness



Irritant Gas Dispersion

- Controlled Mist Based Dispersion.
- Marker Ink | Irritant Chilly Powder | Olio Resin mixture.
- 5-8 m range.

Power System

- 3 KW Generator.
- Internally operated.
- 3 KW Invertor power back up.



Surveillance System

- Complete surround surveillance with 6 cameras
- Telescopic PTZ camera.
- Three display screens.

Internal Features

- Multidirectional Seats and Omnidirectional Motion.
- Multidirectional Camera Visibility and Access.
- Full air conditioning system

RIOT CONTROL COMMAND VEHICLE



SPECIFICATIONS

Vehicle specifications

Transmission type	: 4 X 2
Tyre type	: Tubeless Tyres
Spare wheel	: Yes
Braking power	: 300 BHP
Retractable stair: Yes	
Air-conditioning type	: Roof top

Power systems

Generator rating	: 3 KVA Silent Generator
Generator feature	: Key / Ignition Facility
Running time	: 12hr
Inverter rating	: 3 KW
External cable length	: 50m
AC/DC switch	: Central switching

Surveillance systems

CCTV cameras	: 6 cameras
Camera output	: Coloured
Recording facility	: Yes
Light focus range	: 20 m
Illumination range	: 100 m

Protection systems

Hydraulic shovel: 500 kg push	
Manual override	: Yes
Irritant dispersion	: 15 m
Selective control	: Yes
Flat run distance	: 20 km
Foaming capacity	: 500 L
Selective control	: Yes
Full body coverage	: Yes
Drone landing platform	: Yes
Siren	: Yes
PA system	: Yes

2 X Fire Extinguisher of 5 kg ABC type

14 VEHICLE ADD ON SYSTEM



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