



The DRF-SELECT 7000 range of remotely operated vehicles (ROV) cover a distance of 0.5-1km at a speed from 50-80m/min. Each vehicle is highly manoeuvrable, can climb steps and traverse other hazardous terrains making it a 'versatile' unit for military, anti-terrorist and emergency service platforms. The DRF-SELECT 7000 range of ROVs can be used with a flat platform or a robotic arm, as shown in the photograph, i.e. the robotic arm and other payloads are easily detachable.

The ROVs can carry most client payloads.

The DRF-SELECT 7000 is the largest ROV, as shown above with the robotic arm fitted, will fit into a car boot and is useful for quick deployment. The same ROV is shown below with a flat platform carrying cameras, lights and a hailer. The Manpack, shown overleaf, fits into a backpack and is suitable for foot patrollers.

The UHF controller is a small handheld box with toggle switches and speed control knob. A small attaché case houses the LCD monitor plus the controller's 12V battery and receiver.

Other payloads available offer IPTV radio links, optical links, IR thermal cameras, chemical sniffers, distracters, bomb and telephone jammers, grippers, smoke modules, and a range of end of arm attachments etc.

The economic range of unmanned ROVs are designed for those forces who may have to respond quickly and want a ROV which can be transported in the boot of a car or in a Manpack. The ROV can save lives by entering dangerous areas sensing chemical threats, jamming bombs, surveying inside buildings, and exploring tunnels remotely.



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## Specifications—

### DRF-SELECT 7000 ROV

Size:	L 790mm x W440mm x H200mm
Height	700mm with robotic arm fitted
Weight	38kgs with 2 batteries and robotic arm fitted
Range	0-5—1km
Drive	6 wheel
Speed	50-80m/minute
Speed control	8 steps
Battery	2 x 12V x 12A/hr
Payload	flat base or robotic arm, grabber and cameras



### Manpack ROV:

Size	L350mm x W262mm x H240mm platform height
Weight	8kgs (including 1 battery)
Range:-	0.25—0.5km
Drive:	2 wheel drive
Speed:	50-100m/minute
Speed control:-	8 steps
Battery:-	12 x 12V x 7A/hr
Payload	flat base with cameras and hailer

### Robotic arm for DRF-SELECT 7000 (easily detachable)

Elevation	1.5—2m
Reach	1.5m
Azimuth	360°
Grabber	8kgs load, 360° rotation and will turn a key in a lock.
Lift load	8kgs at 0.5m from robot
Cameras	Forward, reverse, grabber, and 360° surveillance
Attachments	other end of arm attachments

### Environmental

Temperature	-20°C to + 40°C (extendable for MOD use)
Humidity	100% rain



Digital RF maintains a policy of improvement and reserves the right to modify the Specification without prior notice.