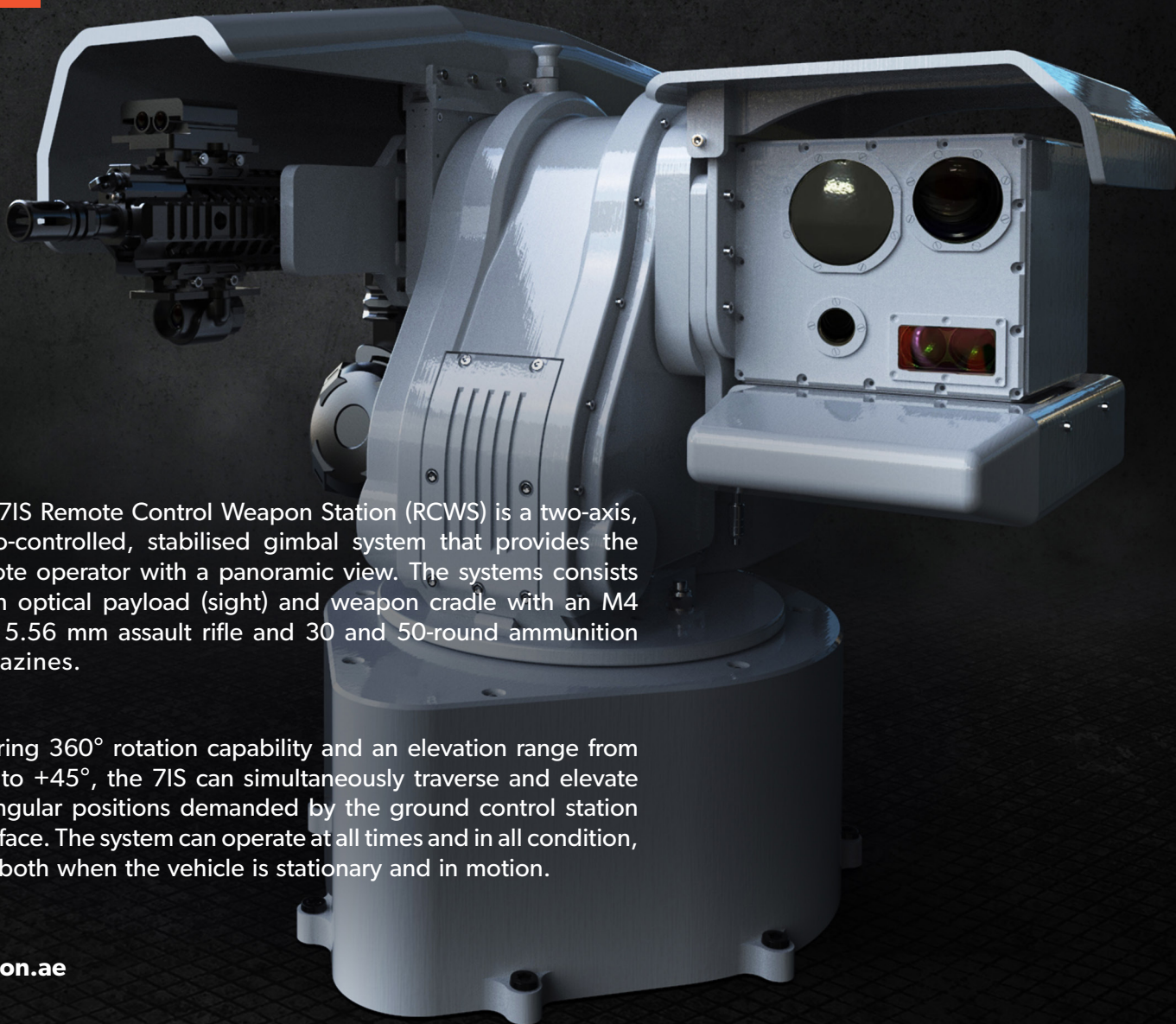


# HALCON

71S REMOTE CONTROL WEAPON STATION

FULL VIEW.

WEAPON READY.



The 71S Remote Control Weapon Station (RCWS) is a two-axis, servo-controlled, stabilised gimbal system that provides the remote operator with a panoramic view. The system consists of an optical payload (sight) and weapon cradle with an M4 Colt 5.56 mm assault rifle and 30 and 50-round ammunition magazines.

Offering 360° rotation capability and an elevation range from -15° to +45°, the 71S can simultaneously traverse and elevate to angular positions demanded by the ground control station interface. The system can operate at all times and in all conditions, and both when the vehicle is stationary and in motion.

[halcon.ae](http://halcon.ae)

# S P E C I F I C A T I O N S

## FEATURES

Lightweight 3D-printed system  
(approx. 30 kg)

One remote operator

360° rotation

-15° to +45° elevation

M4 Colt 5.56 mm assault rifle

## SEVEN LENSES

Laser range finder (LRF)

x 2 day cameras

Dual thermal imaging system (TIS)

Green visible laser pointer (VLP)

Invisible laser pointer (ILP)

Spotlight

## WEAPON

Weapon caliber: 5.56mm

Ammunition capacity: 30/50 round  
magazines

## TECHNICAL SPECIFICATION

Total height: ≤400mm  
Not exceed outside an area with Ø0.8m around  
AZ pivot point.

## OPERATIONAL LIMIT

Operational environment: -5°C to +50°C

No-go Areas: Pre-programmable  
Fire Inhibit Zones

Operational Coverage: Nx360° (AZ)  
-15° to +45° (EL)

## VISUAL

TIS WFOV: 25°

TIS NFOV: 10°

Day Camera WFOV: 7°

Day Camera NFOV: 3°

Laser Range Finder: >2000m with 5m  
accuracy

Laser Pointer #1: Green visible

Laser Pointer #2: Invisible

Spotlight: Up to 100m effective  
(Dark moon)

