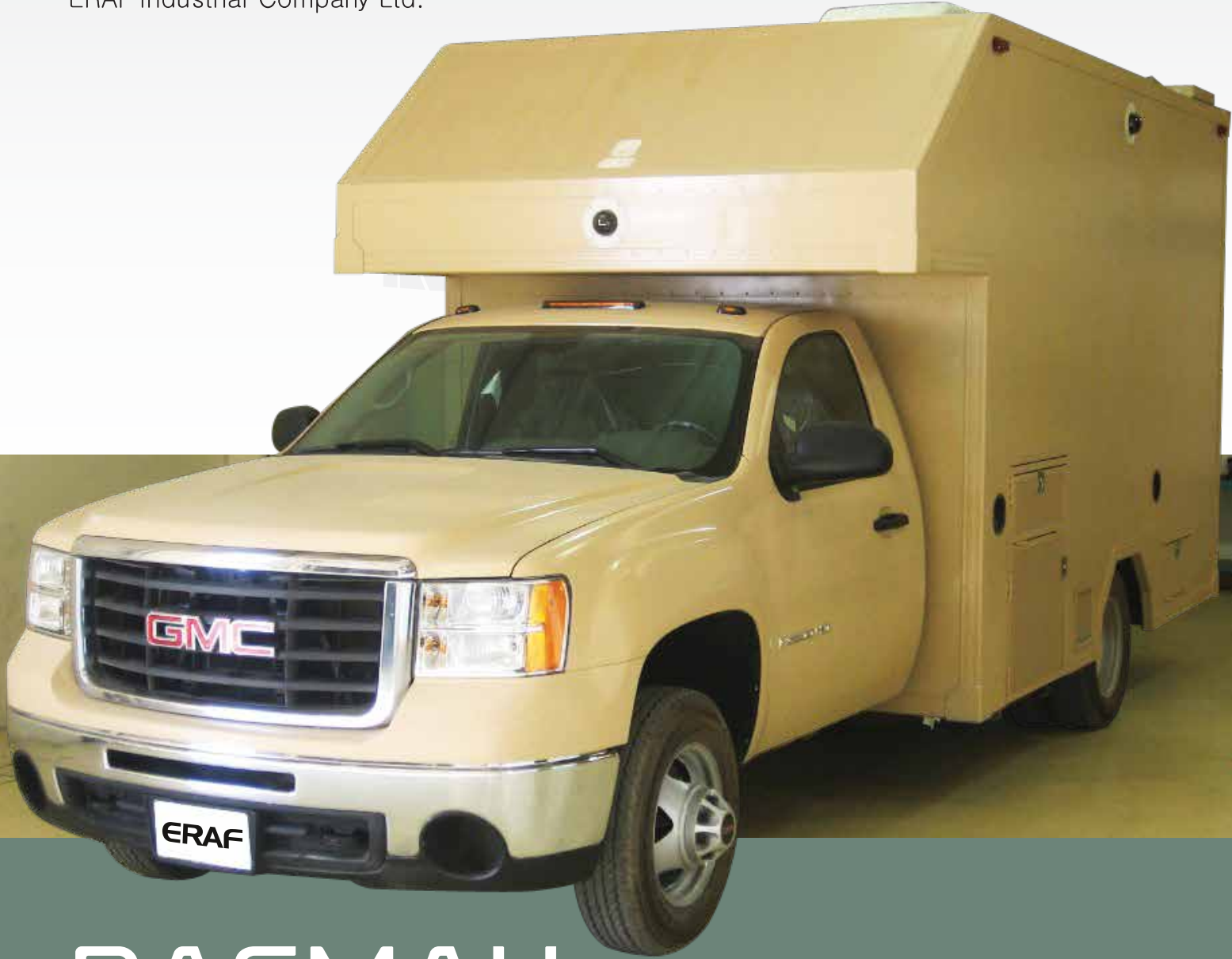


# ERAF

شركة إيراف الصناعية المحدودة  
ERAF Industrial Company Ltd.



## BASMAH OBSERVATION VEHICLE

[www.eraf.com](http://www.eraf.com)

# SPECIFICATIONS

## BASMAH

### OBSERVATION

### VEHICLE

#### GENERAL

◆ Basic Vehicle	2009 GMC Sierra 3500HD 4WD Regular Cab long box WT DRW
◆ Configuration	Forward facing Chassis rail Pick Up Truck With Box
◆ Gross Vehicle Weight	5171 Kg
◆ Curb Weight	2764 Kg
◆ Payload	2144 Kg
◆ Wheel Base	4150 mm
◆ Length	5750 mm
◆ Width	2306 mm
◆ Height	3000 mm
◆ Ground Clearance	233-375 mm
◆ Max Speed on roads	110 km/h
◆ Crew and Passenger	3+4
◆ Suspension Front	Independent torsion bar
◆ Suspension Rear	Semi-elliptic 3- stage multi leafspring
◆ Number of Driven Wheels	4
◆ Power Steering	Standard

#### Transmission Axles & Wheels

◆ Transmission Make And Model	Borgh Warner
◆ Transmission Selection	Automatic
◆ Transfer Case Make And Model	Integrated onto Transmission
◆ Transfer Case Selection	Electro Mechanical
◆ Front Axle	Independent torsion bar Wishbone
◆ Rear Axle	Rigid Axle Telescopic Dampers
◆ Wheels	LT265/75R16E

#### HULL

◆ Configuration	OEM Cab with aluminium frame box on loading bed.
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#### STANDARD EQUIPMENT

◆ Fuel Tank 129 Litre
◆ Manual Fire Extinguisher
◆ First aid kit and fire extinguisher in front
◆ Rear pintle hook installed below foot rail
◆ Cab Air Conditioning
◆ Cruise Control
◆ Adjustable Steering

#### Engine

◆ Make	6.0L V8 0HV 16-Valve
◆ Model	GMC
◆ Fuel Supply	Common Rail Diesel
◆ Max Gross Power	hp/kw@4400rpm)322/240
◆ Max Gross Torque	(4200rpm(lb.ft/rpm @ 380

#### Accessories

◆ Stair for roof, accessories maintainace chacking
◆ Generator Set
◆ Power Supply Regulator
◆ Working Cabinet Roof Air Conditioner
◆ Air Compressor

#### Observation Equipment

◆ CCTV Cameras: Front, Rear,LH + RH side and roof
◆ CCTV Monitor
◆ Camera with Telescopic post on roof extend 1800mm
◆ Computer Monitor
◆ I.R Camera Monitor
◆ I.R Camera with Anti-Shock Stand extende 1800mm
◆ Spectroradiometer with tescopic post
◆ Modulation frequency 15.7 kHz to 117.5 kHz
◆ Temperature operation range 0 C to 45 C
◆ Operating -30 C to 55 C survival Humidity >90%
◆ Relative humidity non condensing

#### Interior Working Cabinet Equipment

◆ Four self locking swivel chair
◆ Foldable Table
◆ Operators control board
◆ Right side cabinet assembly
◆ Table Cover
◆ telescopic spectroradiometer cabinet
◆ Left side cabinet assembly
◆ Foldable working Table
◆ Portable Refrigerator

#### KEY BENEFITS

- ◆ Electro-optical sensor package comprising Thermal & Visible imagers. All sensor imagery is digitally signed and recorded in real time to ensure the evidential trail remains intact.
- ◆ Protection of large borders and key installations demand the flexible use of servillance assets. All terrain MSV can operate autonomously or integrated with larger border mangement and coastal protection system
- ◆ Electro Optical detection performance: Man >6 Km: Vehicle >15Km