

## CBRN RECONNAISSANCE VEHICLE

from EM.TRONIC d.o.o.



**CBRN** detection instruments are integrated in Light Reconnaissance Vehicle and enables rapid and efficient detection of CBRN agents and Toxic industrial chemicals (TIC), sampling, field marking and sending CBRN messages. CBRN system is integrated in armored vehicle.

In Light CBRN Reconnaissance Vehicle are integrated measuring instruments for CBRN detection, system for sampling, system for contaminated field marking, radio and weapon station. The filtration system provides protection against CBRN warfare agents for the crew (driver, operator and shooter). Light CBRN Reconnaissance Vehicle is also amphibian armored vehicle.

Manufacturers of CBRN detection instruments are well selected according to high quality and tradition. CBRN system enables measuring of gamma radiation inside and outside the vehicle, presence of Biological Agents, Chemical Warfare Agents (CWA) inside and outside the vehicle, and remote stand off Chemical detection up to 5km distance.



Computer system (2 computers and 3 monitors) with user friendly software interface enables instrument use, control, data and alarms visualization and CBRN reporting (ATP-45). Radio station (HF and VHF) enables transmission of data and speech.

Sampling and marking systems are automated and remote controlled. Operator from inside controls the operation of taking sample. Samples are stored in the cartridge, ready for transport to specialized laboratories. Marking system enables marking the area with three kinds of marking flags (bio, chem and atom).

The system has been extensively tested and approved by relevant (NATO) authorized test facilities.

On the top of the armored vehicle automated weapon station is installed for inside crew protection and carrying out small missions.

CBRN integration can be performed on any armored vehicle platform or larger civilian vehicle. Entire integrated CBRN detection system with instruments, equipment, hardware and software support can be further customized to fit specific needs and demands of the customer.

