

# REX

## HIGH SPEED ROAD EXPLORER



Single or multi-channel the choice is yours with our road explorer

The Rex road explorer survey systems are available as a single channel [Rex], dual channel [Rex Duo] and tripple channel [Rex Triton] antenna combinations, to satisfy the surveying requirements in the best possible way. The system includes all the required hardware for a successful road survey.

The air-coupled antennas, the high performance controller, the easy to mount on a vehicle holder and finally the high speed survey wheel encoder. All in all this is the most complete and fastest deployable road inspection kit available on the market right now.



**GEOSCANNERS**  
geophysical survey solutions

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A complete professional kit for the demanding surveyor. Three configurations are possible depending on needs and budget.

## REX, REX DUO & REX TRITON

Rex is a single channel solution that includes a single horn antenna. The choice of the antenna depends on the focus of the survey and you can choose between a HA-1000, 1GHz horn antenna or, a HA-2000, 2GHz horn antenna.

Rex Duo is a two channel GPR collection solution that acquires both the deeper overall road layer conditions and the top thin layer conditions in one go. The system includes the two horn antennas from the HA-Series, or the combination of a horn antenna and a deep

penetrating antenna from the FLB antenna series.

Rex Triton is a three channel system suitable for collecting information from different depths at once. It includes 3 antennas; 2 horn antennas from the HA-Series and an FLB antenna. Each of the antennas can be set to focus on the region of the road and the collected data holds the information about all the road layers in one single survey pass.

## System Components

Product	Available Models
Airborne Antennas	HA-Series, FLB-Series
Control Unit	Akula 9000C, IMSE-1401 (1402 or 1404)
Multiplexer (Akula 9000C required)	MCE-202 (203 or 204)
Holder for antennas	CMH-201(202 or 203)
Survey Wheel Encoder	ENC-132
GPS Receiver	ARROW G-140
Post-Processing Software	GPRSoft Professional



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