

CCTV E-VAN

Since 1988 iPEK has focused on efficient and sustainable systems to inspect sewers. Nowadays, electric mobility has become indispensable which is why today we already think about tomorrow. Thus, we developed the first electric CCTV van for the sewer industry on the basis of a conventional diesel inspection vehicle.

Technical Data Prototype - Basic MB Sprinter 316

Technical data of electric drive

Range	250 km*
maximum speed	120 km/h
Power consumption	35kWh /100 km*
Torque	360 Nm
Drive	Asynchronous motor with energy recovery

Energy storage system

Battery type	lithium-ion battery (without memory effect)
Charging capacity	100 kWh
System voltage	247 V
Charging time for 8 kW	10 hours
Battery inspection system	8-10 hours

Vehicle type

Manufacturer	Mercedes Benz
Model	Sprinter 316
Weight (empty)	2,140 kg
Weight (incl. electric and inspection fit-out)	3,900 kg



Inspection configuration

With the maximum permitted weight of up to 4.25 tons you have all possibilities of the inspection configuration, e.g.:

- ROVION crawler system
- RaxSat150 satellite system
- AGILIOS push camera system



*depending on the respective way of driving and environmental impacts, technical modifications and errors are reserved.