



Geoscanners AB®



ENC711

The ENC711 is a survey cart designed to work together with the 5103 antenna from GSSI Inc. It is particularly useful for surveying walls when the operator has to hold the antenna against the wall all the time.

The ENC711 has inbuilt a survey wheel so no extra connections need to be made to the antenna except the radar control cable.

The survey cart is made completely of aluminum and therefore is very light and durable. It takes only a few seconds to attach it to the antenna with the aid of six thumb screws.

ELECTRICAL SPECIFICATIONS:

Input Voltage	5 Volts
Power Consumption	100 mW
Outputs	A and B Quadrature pulses
Amount of pulses	163 pulses/m / 49 pulses/foot

MECHANICAL SPECIFICATIONS:

Dimensions (LxWxH) mm/inch	284x111x187(mm) / 11.2x4.4x7.4(inch)
Weight kg/Lbs	1.7 kg / 3.74 Lbs
Ingress Protection Rating	IP51

ENVIRONMENTAL SPECIFICATIONS:

Maximum Temperature °C / °F	+40 °C / +104 °F
Minimum Temperature °C / °F	-10 °C / +14 °F
Maximum Humidity (non condensing)	96% RH
RoHS compliant	YES



The kit contains two halves, one for each side of the antenna and a set of thumb screws for fastening them to the antenna. There are arrows on the sides of the survey cart indicating where the center of the antenna is located. The survey wheel encoder is on the left side looking from the rear side of the antenna. In any case the position of the fastening holes indicates the correct assembly position on the antenna.

The survey wheel encoder is connected to the antenna using an encoder cable model AMHRC710. This item can be purchased separately or together with the survey cart ENC711.

The wheels for the ENC711 survey cart are durable high quality skating wheels. Despite that fact they do wear off with time; for better and repeatable results do not forget to calibrate the survey wheel encoder before starting a new survey.

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