

TECHNICAL SPECIFICATIONS

Physical Specifications

Dimensions (H x W x D)	: (240 x 53 x 32) mm
Grip Height	: 190 mm
Grip Diameter	: 32.5 mm (max.)
Sensor-angle settings	: 3 Settings (0°, 17.8° and 35.6°)
Device Weight with Battery	: 136g
Smartcane enclosure	: Polycarbonate

Environmental Specifications

Operating Temperature	: -10 to +50°C
Storage Temperature	: -25 to +70°C
Relative Humidity Range	: 15 to 93% (RH)
Storage Humidity Range	: 0 to 95% (RH)
Barometric Pressure Range	: 700 to 1060 hPa
Storage Pressure Range	: 500 to 1060 hPa
Ingress protection	: IP22

Battery Specifications

Type	: Rechargeable Li-polymer
Rating	: 3.7V; 400mA
Size (L x B x W)	: 42.6 x 6.2 x 17.3 mm
Weight	: 10 g
Operating Time	: Max. 8 hrs. of continuous use
Charging Time	: 2 hrs. 30 min.

Charger Specifications

Type	: Travel charger, certified
Power Jack	: 3.5 mm (interior), 7.8mm (exterior)
Input rating	: 110-230V, 50-60 Hz
Output rating	: 5.5V, 600mA, 3.5W

Detection Characteristics

Sensor Type	: 40 kHz Ultrasonic
Angular Coverage	: 45° (max.)
Resolution	: 3cm at 3m
Indoor Range	: 0.03 - 1.8m
Outdoor Range	: 0.03 - 3.0m

Vibration Characteristics

Vibration Intensity	: 0.8 m/sec ² (Avg.) : 0.6 m/sec ² (Min.), : 1.3 m/sec ² (Max.)
Audible Alarms	: >65 dB(A)

White cane specifications

Number of folds	: 4 - 6 fold
Length	: 1.19m
Diameter	: 12.80mm (Min) & 13.04 mm (Max)

Standard Accessories

Charger	: Travel charger
White Cane	: 4, 5 or 6 fold

Service life: The expected service life of this product is five years, if it is maintained and used as per the manufacturer's instructions.

Effects of pets, pests or children

No significant effects have been identified on pets and pests, however do not try to use over the pets, pests and children

No significant effects have been identified due to dust, wet and their effect on sensor.