TECHNICAL SPECS

Trimble HPS2 Handle

Handheld accessory

HARDWARE

	HPS2 (MODEL 121700-10)
GNSS position accuracy[1]	Hz: 1 cm + 1 ppm RMS Vt: 2 cm + 1 ppm RMS
GNSS constellations	GPS, GLONASS, Galileo, BeiDou, NavIC (IRNSS), QZSS, SBAS, L-Band Satellite Corrections
Supported correction formats	RTCM 3.0, RTCM 3.1, RTCM 3.2, CMRx
EDM/AR position accuracy	Typical Hz: < 20 cm RMS at 10 m | Vt: < 10 cm RMS at 10 m (varies by phone model)
EDM distance measurement accuracy	Typically ±3 mm
EDM distance measurement range	Typically 0.3 m–25 m to fresh asphalt | Up to 100 m to white walls
Power management	Swappable batteries ~ 2–2.5 hours per battery
Dimensions	Diameter: 135 mm | Height: 285 mm
Weight	620 g with battery
Operating temperature	-10 °C to +40 °C (14 °F to 104 °F)
Storage temperature range	-20 °C to +70 °C (-4 °F to +158 °F)
Humidity	95% non condensing
Ingress protection	Designed for IP65
Drop	Designed for a drop from 1.2 m (4')

Specifications apply to Trimble® HPS2 handle, not user-provided mobile device.

WHAT'S IN THE BOX

	Trimble HPS2 handle with integrated Trimble DA2 GNSS receiver
	Soft carry case
	Sunshade
	Pole mount
	2 batteries, USB battery charger
	Wrist strap
	Mounting plates (x2)
	Paper card with QR links to the online User Guide & Compliance information

SOFTWARE

Applications supporting the HPS2 handle	Trimble SiteVision® software for Geospatial: geospatial.trimble.com/sitevision Trimble SiteVision software for Heavy Industry: heavyindustry.trimble.com/en/products/sitevision Trimble TerraFlex® software for Mapping and GIS: geospatial.trimble.com/terraflex

1 Precision and reliability may be subject to anomalies such as multipath, obstructions, satellite geometry, interference and atmospheric conditions.
The specifications stated recommend the use of stable mounts in an open sky view, interference and multipath clean environment, optimal GNSS constellation configurations, along with the use of survey practices that are generally accepted for the applicable application.
Achievable accuracy and initialization time may vary based on the user's geographic location, available service and atmospheric activity, scintillation levels, GNSS constellation health, availability, and level of multipath and obstructions such as large trees and buildings.

Specifications subject to change without notice.

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