

# The Vertex IV

Your Favourite in the Forest: Accurate, Easy and Reliable!

- Reinforced Display & Aluminium Housing
- Improved Firmware
- Audible Beep Signal for Measuring Results
- Built-in Bluetooth for Result Transfer
- Sealed Electronics
- Low Battery Consumption
- Ultrasound is perfect in dense terrain
- Proven Accurate & Reliable Technology
- Multi-language Users Guide
- Fabrication Warranty and serviceability after warranty expiration
- Proven reliable with reference users worldwide

The Vertex instrument is our best selling instrument for precision height, distance and horizontal distance measuring in forests and fields. With the Vertex, you will obtain accurate readings in thick undergrowth. Measures an unlimited number of heights per object from any distance up to 30 meters/yds or farther!

Small and robust, the Vertex IV has an aluminium housing, sealed electronics and a large, easy-to-read alphanumeric display. Built-in tilt sensor allows for exact height measuring in slopes or on hills. Easy calibration and built-in infrared or Bluetooth® transmitter for direct transfer of measuring results for external storage and processing (computer caliper, field computer).



## VERTEX IV

Size:	80 x 50 x 30 mm / 3,2x2x1,2 Inch
Weight:	160 g / 5,6 oz (incl. battery)
Battery:	1 x 1,5 AA alkaline, Current 20mA with Bluetooth 150mA
Temperature:	Min -15° Max: 45° C / Min 5 Max 113 F
Wireless interface:	Bluetooth 1.x or IR
Signal:	Built-in loud speaker
Ultrasonic frequency:	25 kHz
Height:	Min 0 Max 999 m/Yds Resolution: 0,1 m/ 0,1 ft
Angles:	-55° to 85° grads / -60° to 94° Resolution: 0,1°
Distance:	30 m / 98 ft or better with 360° adapter 20 m / 60 ft or better. Resolution: 0.01 m/ 0,1 ft Accuracy: 1% or better
BAF factors:	0,5, 1 to 9 (m <sup>2</sup> /ha) or 5, 10, 15...to 50 (ft <sup>2</sup> /acre)

The Vertex uses ultrasound to measure distances. Unlike, for example, measuring tapes and laser instruments, ultrasound works when there is no clear sight to the reference point. The ultrasound chooses the shortest way around shrubs and other obstacles.

An infinite number of heights per object can be measured. In the display, the four last measured heights are shown. Built-in IR and Bluetooth® can be used to transfer results to computer caliper or other HHC for storage and processing.

Heights are calculated trigonometrically using the variables obtained when measuring angle and distance. It automatically assumes that the measuring object is perpendicularly positioned to the ground.

The Vertex is a classic instrument. With reliable results, simple use and high quality, the Vertex holds a market leading position, and is also the origin for spin off products such as the PosTex and the XScope.

## TRANSPONDER T3

Size:	Diameter 70 mm/2,8"
Weight:	85 g/5 oz (Incl. Battery)
Battery:	1,5V AA alkaline
Consumption:	max 9mW

15-105-1008 VERTEX IV, 360 adapter, transponder T3 & monopod



15-105-1009 VERTEX IV & transponder T3



15-105-1010 VERTEX IV measuring unit



15-104-1004 T3 Transponder



15-104-1002 Monopod/Plot Center Staff



15-104-1001 Adapter 360 degrees

