



# Field-Map

## New Hardware for Field-Map Version X9 and 20



IFER - Monitoring and Mapping Solutions Ltd.

<http://www.field-map.com>

# Discontinued Laser Technology (LTI) rangefinders

TruPulse 200



TruPulse 360



TruPulse 360R



# Discontinued Laser Technology (LTI) rangefinders

- ▶ LTI repairs and support will continue for at least three years
- ▶ IFER basic repair and support will continue after the end of manufacturer support, subject to availability of spare parts

# Alternative LTI Products (according to LTI):

TruPulse 200L

Field-Map hardware sets:  
STORK, BISON



TruPulse 200X + MapStar  
TruAngle

Field-Map hardware sets:  
RHINO, HIPPO



TruPoint 300



# Alternative LTI Products (according to LTI):

## TruPulse 200L

- Distance Accuracy to Typical Targets:  $\pm 0.5$  m
- Inclination Accuracy:  $\pm 0.5^\circ$
- No data transfer

## TruPulse 200X + MapStar TruAngle

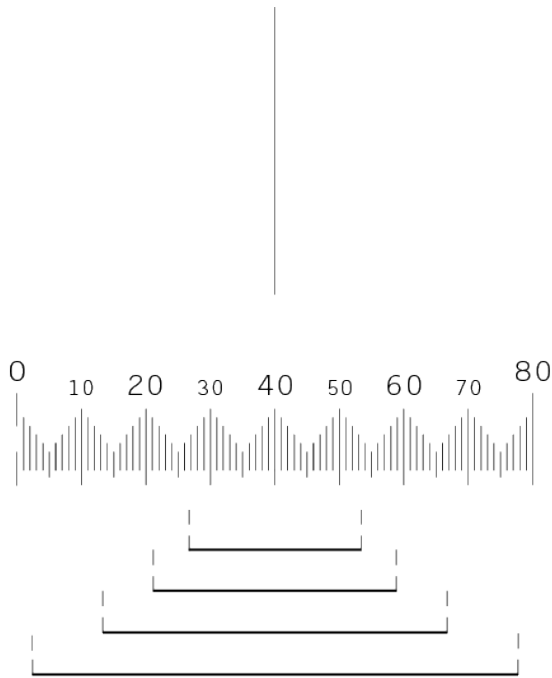
- Suitable for area mapping or for urban areas. Less suitable for inventory plots
- It is not equipped with a compass

## TruPoint 300

- It is not user-friendly due to poor optics and complexity of operation

# TruPulse Dendroscope feature

- ▶ We are preparing the function of Dendroscope to TruPulse 200X



BAF 0.5  
BAF 1  
BAF 2  
BAF 4



# Supported Haglof rangefinders:

## Laser Geo



### Dimensions:

Size, weight:	93x63x72mm, 243g
Height:	0-999 m Resolution height: 0.1 m
Angle, accuracy:	-90° - 90°, 0,1° typical

### Distance using laser

Distance:	46cm - 700m depending on target
Accuracy, resolution:	4cm typical, 0.1m

### Distance using ultrasound

Distance:	30m, with 360° adapter 20m
Accuracy, resolution:	1% or better, 0.01m

### GPS

Supports:	GPS, Glonass, Galileo, QZSS.
Real time correction:	EGNOS, WAAS, MSAS, GAGAN
Accuracy:	down to 2.5m in open terrain

### Compass

Resolution:	0,1°
Accuracy:	<1.5 RSME
Housing, certificates:	IP67, NEMA6, Laser class 1

# Supported Haglof rangefinders

## Vertex Laser Geo



### ULTRASOUND

Distance: 30m  
Accuracy: 1% or better typical  
Resolution: 0.01m

### LASER

Distance: 46cm - 700m depending on target  
Accuracy: 4cm typical  
Resolution: 0.1m

### GPS

Supports: GPS, Glonass, Galileo, QZSS.  
Real time correction: EGNOS, WAAS, MSAS, GAGAN

### Compass

Accuracy: <2.5

Housing, certificates: IP67, NEMA6, Laser class 1  
Memory: 2000 datasets, non-volatile

### Disadvantages:

- Compass accuracy <2.5 without the possibility of calibration
- Missing foliage filter



# Field-Map supports Bluetooth BLE from version X9

- ▶ Bluetooth Low Energy (BLE) is designed to provide considerably reduced power consumption and cost while maintaining a similar communication range
- ▶ BLE has no compatibility with Bluetooth Basic but can coexist

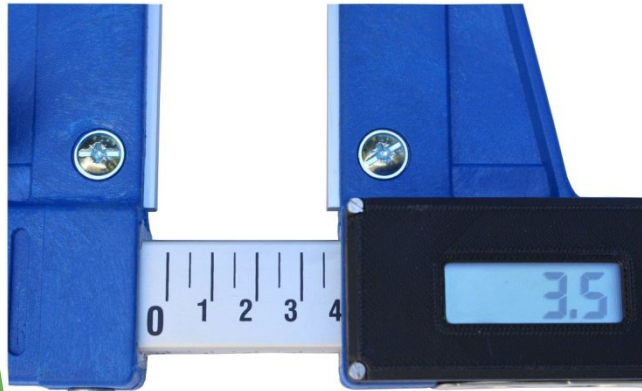


# Mantax Digitech II



Memory capacity:	>10 000 registers
Temperature:	Min -20° Max 60°C
Battery:	Rechargeable Li-ion, One week/ charge.
Weight:	1kg
Display:	Graphic, 128 x 64 pixels backlit, graphic interface.
Communication:	USB 2.0 MSD; Bluetooth® (SPP, OPP)
Signal:	Built-in loudspeaker.
Classification:	P67 Moist/dust resistant, CE, FCC, IC

# Codimex E1



Simple and low priced caliper  
Communication via BT  
Loading list of species

Temperature:	Min -20° Max 50°C Built in rechargeable lithium ion battery 3.6V /0,96Ah
Battery:	
Display:	LCD 3,5 digit segment „LOBAT” digit height 10 mm
Communication:	Bluetooth 3.0 (class 1) in SPP mode
Signal:	buzzer
Relative humidity:	20÷80%

# New precise GNSS PPM

## 10xx-04 Full RTK GNSS Sensor SET



Submeter accuracy with a 14 channels  
GPS+GLONASS receiver

GPS + GLONASS L1/L2 antenna  
Optionaly External antenna kit

GNSS systems: GPS, Glonass, Galileo, Beidou,  
QZSS, SBAS

Accuracy: GNSS only 1,5m  
SBAS 0,5m (WAAS) - 0,8m (EGNOS)  
DGPS 0,3m  
RTK Float 0,05 + 1ppm  
RTK Fixed 0,008 + 1ppm

Only the highest model for a lower price

# New Getac F110 G6



- ▶ New processor 11th Gen. Intel Core Processors – Tiger Lake (Quad-Core) and graphics Intel® Iris® Xe
- ▶ Greater screen brightness (1000 nits) for enhanced sunlight readability
- ▶ Dedicated GPS/Glonass
- ▶ Thunderbolt™ 4 (40Gbps) Type-C w/ DP & PD x 1 port
- ▶ Increased durability IP66 and drop resistance 6ft
- ▶ Standard batteries 61Whr or High capacity batteries 93.2 Whr

# Getac F110 G6 versus G5

What is different and not compatible each other

- ▶ Electronic pen
- ▶ Internal standard and high capacity batteries
- ▶ Plate for collapsible bracket
- ▶ AC Adapter for system

# Getac UX10



Intel® Core™ i5-10210U  
Processor

10.1" IPS TFT LCD WUXGA  
(1920 x 1200) 1,000 nits

Optional dual mode  
touchscreen (multi-touch  
and digitizer)

256GB PCIe / 8GB DDR4

Weigh 1.22kg

IP65 certified

Warranty 3 years

# Getac T800 G2



Intel® Atom Processor x7-Z8750  
1.6GHz

8.1" IPS TFT LCD WXGA (1280 x 800)  
600 nits

**128GB eMMC / 4GB**

Optional: Dual mode touchscreen  
(multi-touch and digitizer)

Weight 0.88kg

IP65 certified



# Microsoft Surface Go 3



Screen: 10.5-inch PixelSense™ Display

Resolution: 1920 x 1280 Touch: 10 point multi-touch Corning® Gorilla® Glass 3

Processor: Intel Pentium 6500Y

Memory: 64GB eMMC, 4GB or 8GB LPDDR3

Surface Pen

Battery: 11hours

Rugged protective case



# Getac T800 G2 - 4-Point Shoulder



## New improved 4-Point Shoulder Strap (harness)



- Integrated sun and display protective cover
- closable opening for camera
- padding for increased durability

# Carry case for FM technology

Variable size  
Adaptable to different devices



**Thank you for your attention**



**Field-Map**