

ХАВСРАЛТ №1/ИЛ УУРХАЙ

Ил уурхайн маркшейдерийн хэсгийн 2018 оны захиалгын дагуу худалдан авах багажны техникийн тодорхойлолт

Leica FlexLine TS10 2”

ANGULAR MEASUREMENT/ ӨНЦГИЙН ХЭМЖЭЭ

Accuracy Hz and V Absolute, continuous, diametrical / 2”/

Display resolution: 0.1” (0.1 mgon)

Quadruple axis compensation

Compensator setting accuracy: 0.5” / 1” / 1.5”

Compensator range: +/- 3.78’ (+/- 0.07 gon)

Electronic level resolution: 2”

Circular level sensitivity: 6” / 2 mm

DISTANCE MEASUREMENT / ХЭМЖИХ ЗАЙН ХЭМЖЭЭ

Range Prism (GPR1, GPH1P): 1.5 m to 3.500 m

Prism GPR1 (Long Range mode) > 10.000 m

Non-Prism / Any surface

R1000⁴

Accuracy / Measurement time Нарийвчлал/ хугацаа хэмжих

Single prism

Precise+ / Once: 1 mm + 1.5 ppm (typical 2.4 s)

Once&Fast: 2 mm + 1.5 ppm (typical 2 s)

Continuously: 3 mm + 1.5 ppm (typical < 0.15 s)

Averaging: 1 mm + 1.5 ppm

Long Range mode / > 4 km: 5 mm + 2 ppm (typical 2.5 s)

Non-Prism / Any surface

0 m - 500 m: 2 mm + 2 ppm (typical 3 - 6 s)

> 500 m: 4 mm + 2 ppm (typical 3 - 6 s)

Laser dot size

At 30 m: 7 mm x 10 mm

At 50 m: 8 mm x 20 mm

At 100 m: 16 mm x 25 mm

Telescope

Magnification: 30x

Resolving power: 3”

Focusing range: 1.55 m / 5.08 ft to infinity

Field of view: 1°30’ / 1.66 gon / 2.7 m at 100 m

GENERAL

Display and keyboard

5“(inch), 800 x 480 pixels WVGA, color and touch

25 keys

37 keys with function keys

2nd keyboard

Key illumination

Operation

Endless drives for HZ & V

Trigger-Key: user definable with 2 functions

Power management

Exchangeable Lithium-Ion battery⁶

Operating time with GEB361 up to 18 h

Battery charging time with

GKL341 charger for GEB361 / GEB331 6 h 30 min / 3 h 30 min

External supply voltage

Nominal voltage 13.0 V DC & 16 W max

Data storage

Internal memory: 2 GB Flash

Memory card: SD card 8 GB

USB memory stick: 1 GB

Processor

TI OMAP4430 1GHz Dual-core ARM® Cortex™ A9 MPCore™

Operating system – Windows EC7

Interfaces RS232⁷, USB device

Bluetooth®⁸, WLAN⁹

Mobile Data sidecover: LTE-Modem for internet access

Guide Light (EGL)

Working range: 5 m to 150 m

Position accuracy: 5 cm at 100 m

Wavelength red /orange: 617 nm / 593 nm

Weight 4.4 - 4.9 kg

Environmental specifications¹⁰

Working temperature range: -20°C to +50°C

Leica FlexLine TS10

Legend:

2’’ (0.6 mgon),