

# TEST REPORT



## Skeye.allegro LS

Test number: 4945

**OWNER OF THE TEST CERTIFICATE:**

**Applicant/Distributor:**

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## Application field

Recording (wood) data under typical forest conditions. The recorded data are stored and can then be printed or further processed.

Test item	Test result
<b>Outdoor use</b>	Screwed on watertight cover for SD memory card slot opening; sealed docking connection; waterproof open loudspeaker; rubber shock protectors around scanner socket, card slot and docking connection; IP65
<b>Operation</b>	Data recorded via touch screen surface and integrated keyboard, keys on the device  Keys are easy to activate with gloves, display easy to use with stylus; usability of the navigation buttons somewhat difficult with gloves  Stylus holder provided on the device; stylus is secured against inadvertent release  Compact design and relatively appropriate weight  No tools required for battery replacement, SD card replacement requires tool; device only operable with original rechargeable batteries
<b>Display</b>	Very good readability Continuously variable background illumination  illumination control provides good readability even in adverse lighting conditions
<b>Loading</b>	Batteries can be recharged via docking station with mains adapter  Device stores data even while battery is being replaced  Battery status can be called up via the control panel or system tray; adjustable setting for "weak" and "very weak" battery status warning.
<b>Data transfer</b>	Transfer either via cable and docking station using USB or serial interface, or remote via infrared or GPRS
<b>Maintenance / care</b>	dirt resistant  Laser scanner, display, docking connection and keyboard are protected against soiling and damp
<b>Operator manual</b>	Good, comprehensive, well illustrated

## Description

Mobile data recording device with rugged plastic casing and TFT transflexiv display touchscreen and numerical keyboard with function keys; integrated laser scanner; replaceable battery rechargeable via docking connection or external power adapter

### Connections:

Secure Digital card slot; docking connection

## Technical data

### Hardware

Intel XScale PXA255 Processor 400MHz; 128MB RAM; 256MB flash memory

### Operating system:

Microsoft Windows CE 5.0

### Display

TFT transflexiv touch screen display; dimensions 73 x 55 mm; 320 x 240 pixel

### Keyboard

12 keys in number block; 8 programmable function keys; 5 navigation buttons; 2 scan buttons. Alphanumeric characters and additional function keys by multiple configuration of the keys

### Power supply

Lithium-ion rechargeable battery 1700mAh / 3,7V; power adapter 9V / 2,5A

### Casing dimensions / weight

Length / width / thickness 220 / 115 / 55 mm; weight incl. rechargeable battery 470 g

## Test

All features were tested that are of particular significance for outdoor use in forest conditions. The tests were carried out in accordance with the relevant DIN-EN-standards, especially:

- reliability and readability at temperatures between -15°C and 50°C
- Storage stability at -25°C and 70°C
- Reliability during "heavy downpours" and shock (free fall from 1 m onto concrete)
- Handling

The test did not include an evaluation of the software.

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### **Date of test**

May 2008

### **Responsible test engineer**

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