CHCNAV

LandStar 7

SURVEY AND MAPPING SOFTWARE

SURVEYING & ENGINEERING

COMPREHENSIVE
EASY TO USE
SUPPORT 3D DESIGN

LandStar7 is the field-proven survey and mapping software solution for any Android devices and CHCNAV data controllers. Designed for high precision surveying and mapping tasks, LandStar7 provides seamless workflow management, easy-to-learn and easy-to-use graphical user interface to complete all your projects efficiently. Comprehensive data import and export formats, multiple measurement and stakeout methods ensure instant productivity.

EASY WORKFLOW
FROM FIELD TO OFFICE

Support various import and export format types.
LandStar7 imports and exports DXF, SHP, KML, KMZ, CSV, DAT, TXT; as well as fully customized data content from the survey project choosing CSV, DAT or TXT formats.

FEATURE RICH
ANDROID SURVEY SOFTWARE

Highly versatile and ready for multiple applications.
LandStar7 is designed to provide you with exceptional feature sets, from land surveying, construction and engineering projects, mapping, GIS data collection, road stakeout to pipeline survey. Its customizable user interface keeps LandStar7 easy-to-use by focusing on essential functions effectively commonly used.

BACKGROUND
BASEMAP OVERLAY

Locate and visualize your project data at a glance.
LandStar7 integrates Google, OSM, BING and WMS online maps to provide meaningful location information to surveyors and construction professionals. Projects are visualized within their regional terrain or satellite images in real-time.

DESIGN FOR SURVEYORS
BY SURVEYORS

Agile software development process.
Our LandStar7 development team keeps permanent contact with surveyors, construction professionals and our worldwide partners network to bring new outstanding fonctionalities. When using LandStar7 today, you are ensure to benefit from regular new features at no extra cost.

FEATURE RICH FOR ANY SURVEYING APPLCA- TIONS

SPECIFICATIONS

Features
Intuitive workflow
Comprehensive Import/Export Format support
Standard CGD correction file
Repeater correction function
RTCM message
Intuitive system menu
Manage receiver firmware update
Customizable layer display
Real-time global TEC map
Connection types (Bluetooth, Wi-Fi and demonstration)
Embedded e-manual
Powerful COGO tools (earthwork, inverse, grid to ground,...)
GNSS RAW data recording
Measurement georeference
Site calibration with advanced quality control
Multi-language interface
Cloud service
Voice or sound prompt
Landscape mode
Tilt measurement
Data quick share
Physical keyboard shortcut

Field Hardware Support
CHC GNSS receivers (including i90, i80, i70, i50, M6 and X91+)
Android smartphone and handheld controller with internal GPS
Peripheral instruments such as generic NMEA0183 receivers, pipeline detector and laser rangefinder

Data Collector Support
CHC HCE320
CHC LT700 / LT700H
Android devices (operating system 4.2 and higher)

Operating System
Android 4.2 and higher

License
Online software registration

Communication Protocols Configuration
CHC
Transparent
TT450
SATEL_3AS
PCC4FSK
NTRIP
TCPDirect
APIS

Supported Languages
Bulgarian
Chinese (Simplified)
Chinese (Traditional)
Croatian
English
Finnish
French
German
Greek
Hungarian
Japanese
Korean
Mongolian
Persian
Polish
Portuguese
Russian
Slovak
Spanish
Thai
Turkish
Vietnamese

*All specifications are subject to change without notice.

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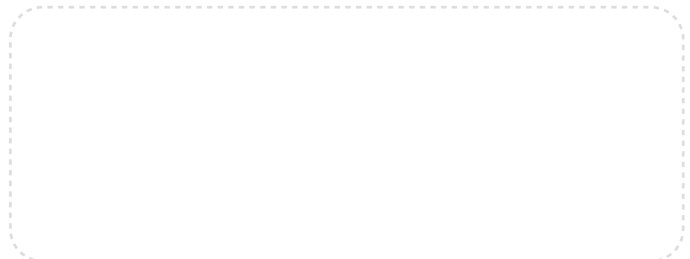
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