FOIF SuperGIS SOLUTION
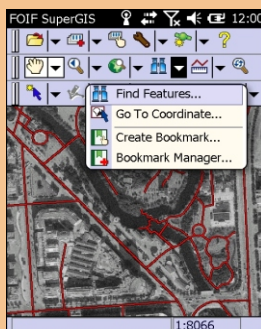
F52/F55 integrating FOIF SuperGIS
helps to fulfill your field tasks quickly and efficiently!
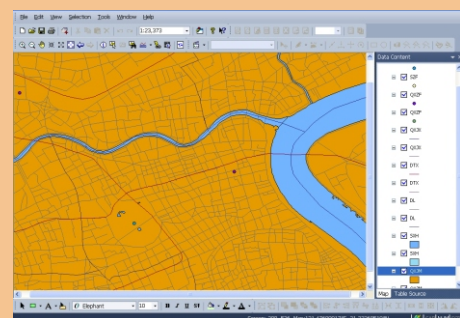
F52/F55 Series Handhelder

FOIF SuperGIS --- Field Controller: F52/F55 Series Handhelder
--- Field Software: FOIF SuperGIS
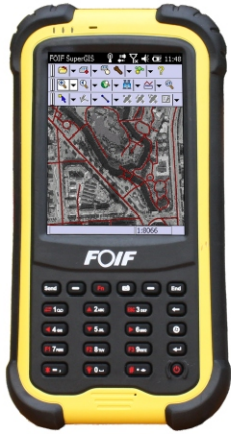--- Office Software: FOIF SuperGIS-Desk

Field Software: FOIF SuperGIS   **Office Software: FOIF SuperGIS-Desk**

F52/F55 Handhelder Features

> Combines the modern positioning technology and versatility of a powerful handhelder,fast operation and perfect for collecting geographical data and accurate measurements

> H-accuaracy: Single point L1: 2.5m;
> SBAS: 2.0m

> Real-time protocols:RTCM2.3

> Output data protocols:NMEA-0183, Raw measured data

> Windows Mobile 6.5 Professional operating system

> High performance touch screen 3.7" high resolution 640×480 pixel display, sunlight-optimized

> 256M memory,4G iNAND and 32G external storage

> IP65 water and dust protection

> Supports GPS Sensor, Bluetooth, WIFI, USB, TF, GPRS

> Combines the modern positioning technology and versatility of a powerful handhelder,fast operation and perfect for collecting geographical data and accurate measurements

> GPS+GLONASS satellites tracking capability, supports SBAS, Galileo and BDS, up to 120 channels GNSS receiver for RTK centimetric surveying of 1cm+1ppm(F55-A)

> Supports GPS and SBAS, provides 12 channels(F55-B)

> H-accuaracy by DGPS,F55-A: 0.4m; F55-B: 0.6m

> Real-time correction service and post-processing are available

> Windows Mobile 6.5 Professional operating system

> High performance touch screen 3.7" high resolution 640×480 pixel display,sunlight-optimized

> IP65 water and dust protection

> WiFi,Bluetooth,GPRS modem,5 megapixel camera,Mini waterproof USB connector,all included as standard
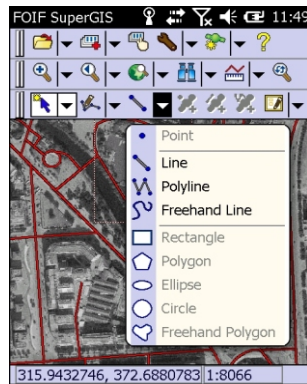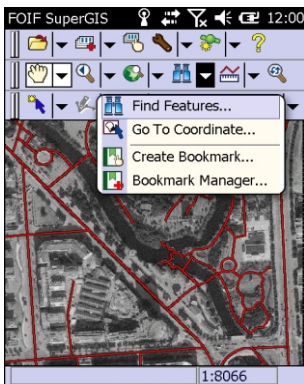
FOIF SuperGIS Features

> Rapidly collect point,line,and polygon data
> Display map with global coordinate system settings
> Create and manage waypoints simply
> Measure,digitize and edit features effortlessly
> Make precise use of GNSS orientation and navigation

FOIF SuperGIS is a multipurpose mobile GIS solution for specific functions and particular applications like facility management, agriculture survey, census, mining, etc. FOIF SuperGIS supports GNSS data difference to get high precision information, helping you easily collect, display, edit, query and analyse spatial data with greater field productivity.

▶ Supported File Formats

> Vector data:GEO,SHP,MIF and DXF
> Raster data:MrSID,ECW,LAN,BMP,GIF,PNG and JPG
> OGC standards:WMS,WFS and GML

▶ Key Features

FOIF SuperGIS
for field survey

FOIF SuperGIS-Desk
for post-processing

Precise Data Collection

> Support to add, edit, remove, and move the features
> Allow users to edit attribute data of features
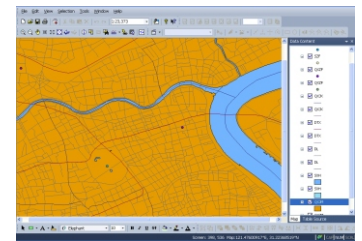> Enable users to modify features with plentiful patterns

Full GNSS Integration

> Locate positions with GNSS signal
> Provide direction guide for current GNSS position and target destination
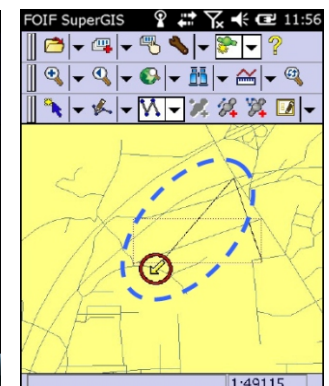> Mark the moving tracklog on the map
> Provide GNSS instant information

▶ Layer Management

> Completely import ArcPad project to edit the same project
> Use Relative Path for Layers to avoid data loss during file transferring.

▶ Easy-to-use User Interface

> Map navigation functions ,like zoom in/out, pan, etc.
> Spatial Query and Attribute Query
> Feature measurement
> Set the style and properties of compass and scale bar

▶ Supports GNSS data difference

> FOIF SuperGIS supports GNSS data difference to get high precision information
> Point Calibration

F52/F55 Technical data

GNSS-integrated high-performance GNSS(GPS, Glonass and SBAS) receiver		F52	F52G	F55-B	F55-A
H-accuracy	Single Point L1	—	2.5m	2.5m	1.5m
	Single Point L1/L2	—	/	/	1.2m
	SBAS	—	2.0m	1.2m	0.6m
	DGPS	—	/	0.6m	0.4m
	RTK	—	/	/	1cm+1ppm
GNSS		—	50-Channel	12-Channel	120-Channel
		—	GPS/SBAS	GPS/SBAS	GPS/GLONASS/SBAS/ Galileo/BDS
Real-Time Protocols		—	RTCM2.3	RTCM SC-104 (SBAS/Beacon) Proprietary format (L-Dif/RTK)	RTCM 2.x, RTCM3.0 CMR, CMR+
Static accuracy		—	—	3mm+1ppm/external antenna	
Real-time and post-processed		—	—	Supports of real-time correction service and post-processing	
External Antenna		—	—	Connector for an external antenna	
Time to first fix(typ.)		—	Cold Start 60s, hot start 35s		
Output Data protocols		—	NMEA-0183(GGA, VTG, GLL, GSA,ZDA, GSV, RMC, GST, GRS); Raw measured data		
Handhelder					
I/O Interface		Bluetooth, WiFi,USB,TF, Quad-band GPRS	GPS sensor, Bluetooth, WiFi,USB,TF, Quad-band GPRS	GPS sensor, Bluetooth, WiFi,USB,SD, Quad-band GPRS	GPS sensor, Bluetooth, WiFi,USB,SD, Quad-band GPRS
Operating system		Windows Mobile 6.5 OS			
Display		Transflective sunlight readable 3.5-inch TFT LCD VGA 640X480pixel			
Camera		5M pixels auto-focus camera			
Processor		Marvell PXA310 806MHz			
Memory		256MB internal memory and 4GB iNAND, external storage can extend to 32G			
Power					
Removable battery/Working time		7.4V/1.5Ah/≥8 hours		11.1V/2.5Ah/≥8 hours	
Battery charging time		≤3 hours			
Power		12V DC			
Software					
Application software		FOIF SuperGIS, FOIF Survey, FOIF FieldGenius			
Included software		Internet Explorer Mobile, File Explorer, Word Mobile, Mircosoft Windows Media Player, Camera Software, Online Help			
Others					
Dimensions(DxWxH)		177x91x33mm		234x99x56mm	
Weight		550g		895g	
Water and dust protection		IP65			
Drop		1.5m on concrete		1.2m on concrete	
Operating/Storage temperature range		-20℃ to +60℃/-30℃ to +70℃			

Illustrations, descriptions and technical specifications are not binding and may change

Local Dealer: