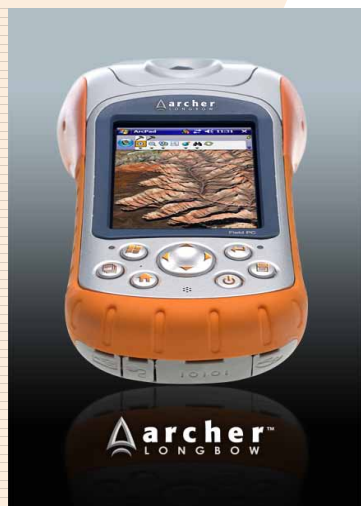


The Longbow combines an Archer Field PC®, GPS receiver, 3D compass, digital camera and laser rangefinder resulting in a rugged all-in-one GIS field tool. Depend on it to quickly capture position and distance along with a verifiable image of the target from a safe distance.



Specifications

When Speed and Safety Matter

Archer Longbow captures verifiable field GIS data rapidly and safely. It is fast, long-range, tough, small, light and accurate. Longbow's innovative "point and shoot" laser GPS technology allows field users to remotely capture positional data for any target up to 1000 meters distant, keeping the user safe and boosting efficiency by significantly reducing field time.

Easy to Use

Simply point the Archer Longbow at a target up to a kilometer away, push a button to capture the target's GPS coordinate plus a picture of the target. The Archer Longbow records a verifiable, precise geo-tagged digital image with crosshairs along with descriptive information superimposed on the target's image. These data are immediately available for mobile GIS such as ESRI ArcPad® 8.0, or user application programs.

Applications Abound

The Longbow is available in three models to fit your image resolution and long-distance targeting needs. The laser rangefinder is available in 100 meters, 300 meters and 1,000 meters versions.

Applications abound in situations where targets are difficult to reach or safety is a concern including : asset management, research, insurance assessment, environmental work, disaster relief, and military engineering. Use it in your agency or industry to improve your mobile GIS productivity.



Features

- Record the positions GPS of targets range of up to 1km
- capture a digital image of your target together with its gps co-ordinates
- Complete with Surverlab GIS software
- Ultra-rugged: shocproof, waterproof an dustproof

* Geographical Information System

Please contact us for more informations.

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Archer Longbow Composants

1. screen touch
2. SD Card
3. Telemeter laser, Electronic Compas, Digital camera
4. GPS receiver

The Longbow Archer ultra-is hardened and seals IP66. He records the images and GPS positions thanks to technology ikeGPS™.

Models :

AR-LB100	Archer Longbow 100m digital camera 3 Méga Pixels
AR-LB300	Archer Longbow 300m digital camera 5 Méga Pixels
AR-LB1000	Archer Longbow 1000m digital camera 5 Méga Pixels

GPS* :

GPS (S/A off)	Résolution : 2-5 mètres
WAAS	Résolution : 2 mètres
DGPS (RTCM)	Résolution : 2 mètres

* Depends on the environment, amongst satellites, of the configuration of the satellites and the ionospheric activity.

Telemeter laser :

Précision	+/- 0.5m
Système	«Eye Safe» Classe 1

Compas :

Précision	+/- 0.5 degrés
Angles	de 0 à 90 degrés

Digital camera :

Résolution	3.2MP (LB100) / 5MP (LB300/LB1000)
Zoom	Digital, 30x, save
Format	jpeg

Archer Field PC :

Processor 520 Mhz / RAM 128MB / Stockage 512MB / Bluetooth 2.0 Classe 1 / Windows Mobile 6.1.

Battery	Lithium-Ion 3900mAh, operational during 6-8 hours, interchangeable
Ports	RS-232 9-pin

Environnements :

water and dust	IP66 MIL-STD 810F, 30 minutes of immersion to 0.5 meters of depth
chock weight	1 mètre on béton
Case	< 2 lbs / 1kg Alloy/Xenoy with protection elastomer

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