



Background

With the advancement of science and technology, modern surveying and mapping technology is constantly developing, and outdoor operations have greatly increased the demand for precision and stability of surveying and mapping equipment in complex environments. Obstacles in dense forests, environmental disturbances, and complex terrains make it difficult to obtain high accuracy, all of which have brought various challenges to surveying and mapping workers.

Challenge

1. Carry a lot of tools and record files, and record through paper or other media, then return to the work site to transcribe the PC, which will waste a lot of time or cause loss;
2. It is difficult to find accurate reference objects or points for marking, and setting the points too large can easily cause errors in surveying and mapping information;
3. There is no feature of outdoor landforms. After fixing points in the early stage, it is difficult to rediscover later, and even needs to be relocated.

Introduction

In response to the needs and challenges of surveying and mapping workers, Emdoor Info recommends a rugged handheld--EM-I62H and a rugged tablet--EM-I86. In surveying and mapping, they can be used to implement various functions such as information collection and network communication, convenient and fast, high accuracy, and strong stability, bringing historic changes to the mapping operation.



EM-I62H
Rugged Handheld



EM-I86
Rugged Tablet PC



Advantage

1. Collect data such as the location on the move, and transfer it to the system through 4G, Wi-Fi, Bluetooth and other functions at the same time to achieve accurate data in place;
2. An electronic tag is assigned to a specific point. The electronic tag is read by a rugged product, which is convenient for quickly determining the point information in the future;
3. GPS function, real-time update location information, view map or related information, facilitate the coordinated management of surveying and mapping work;
4. IP65 high protection level, can withstand 1.2M height drop, suitable for complex and harsh working environment.

Optional Accessories



Docking Charger



Hand-strap



Scanning Trigger



Leather Cover



Windows



IP65



GPS



Bluetooth



3G/4G



WIFI