

## Portable CAD in Taiwan (MPC-100)

**Location :** Taiwan

**Customer :** JE Technology

**Advantech product used in this application:** MPC-100 MobiPanel

**Location:** Portable Taiwan

**Customer:** [cadmobi](#) Cadmobi supplies mobile computing platforms equipped with CAD and GIS software to architectural, construction, and GIS professionals in both government and private sectors in Taiwan.

**Background:** Surveyors and architectural engineers used to have to lug rolled drawings to outdoor sites to conduct their measurements and onsite building inspections. Now, with Cadmobi, a portable CAD platform conveniently stores many maps or drawings. And while notebook computers never quite had the durability to stand up to demanding construction or surveying environments, with the ruggedized Advantech MobiPanel, there is little concern about moisture, or dirt, or the hard knocks of life in the field. And MobiPanel's optional Transflective screen solves another outdoor problem. Sunshine. The transflective LCD screen provides good visibility under a wide range of lighting conditions, including bright sunlight.



**A Brighter Day:** So, no more lugging and juggling rolled paper plans, maps, and drawings. No more forgetting that important site plan when an entire database can be downloaded into the MobiPanel. No more setting up, drawing, knocking down, moving, setting up, drawing, knocking down, moving, etc. Now with Cadmobi, planning professionals can just about draw and walk at the same time.

But that's not all. In addition to AutoCAD compatible engineering drawing capabilities, the MobiPanel allows either direct or wireless connection to measuring devices, survey equipment, or GPS. GPS is one among several add-on options that is put to good use in GIS, survey, and building trades. With GPS, the touch of a button can automatically record global positioning information as part of the file.

With industrial strength -10 to +50°C (14 to 122°F) operation, up to 6 hours of continuous operation on a single charge, and a 10.4" high-brightness screen, the MobiPanel-based cadmobi is a truly noble mobile CAD station.