

## **Reflectorless Pulse Laser Total Station**

The equipment, though has a similar appearance to an ordinary Total Station, makes use of the state-of-art laser technology in non-prism mode to assist Surveyors to pick up positions of inaccessible points such as overhanging canopies and fenced structures. Comparing with that of conventional infra-red Total Station, the non-contact survey method will also increase the safety in surveying structures in dangerous location e.g. lamp posts in central divider of busy roads. The accuracy of radiation can achieve  $\pm 10\text{mm}$  and is sufficient for cadastral & topo survey applications. The range of measurement has also increased to 5-6 km by using only one prism. As visible laser is used, pointing to an object is relatively easier.



Courtesy: Leica Geosystems Ltd (HK)