Tradition Meets Innovation

- LongLink™ data communications
- Advanced angle measurement systems
- Super-long battery life
- Waterproof, rugged, and operator friendly

*Factory option

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The CX maintains SOKKIA’s tradition for accuracy and quality while setting new standards in total stations.

**RED-tech technology**
- reflectorless EDM
- Fast distance measurement of 0.9s regardless of object.
- SOKKIA traditional pinpoint precision in reflectorless distance measurement
- Reflectless operation from 30cm to 500m.
- Coaxial distance measurement and laser-pointer with same light source.
- Ensures accuracy even with reflective sheets.

**LongLink Data Communication**
- The CX series of total stations features Bluetooth Class 1 wireless technology for reliable data communications up to 300m.
- All CX data is instantly available at the Bluetooth-equipped controller.
- Eliminate the frustration of hand-signals and errors on all mid-range layout, staking, and other jobs.
- *1 Factory option
- *2 No obstacles, few vehicles or sources of radio emissions/interference in the near vicinity of the instrument, no rain.

**Advanced Angle Measurement System**
- CX features SOKKIA’s original absolute encoders that provide long-term reliability in any job site condition. Dual-axis compensator ensures stable measurements even when setup on uneven terrain.
- Sokkia’s traditional motion clamp and tangent screw are employed to ensure stable angle measurement.
- CX101 and CX102 feature groundbreaking IACS (Independent Angle Calibration System) technology for extremely reliable angle measurement.

**Unprecedented Battery Life**
- The CX single battery can last up to 36 hours.*
- Greatly reduces likelihood of low power during any full-days work.
- Eliminates the need for nightly recharging or carrying extra batteries.

*Operating time will vary depending upon environmental conditions and CX activity.

**Waterproof, rugged, and operator friendly**
- IP66 dustproof / waterproof rating.
- Metal chassis and heavy duty handle add ruggedness.
- Standard usage temperature range -20°C to +50°C. Low temperature models can be used as low as -30°C* and high temperature models up to +60°C.*

- Environmentally protected USB port provides added security, as well as added convenience and data storage and transfer.
- One-touch star key [★] offers instant access to functions.
- Conveniently located ‘trigger’ key lets you take a series of measurements with the push of a button without taking your eye off the telescope.
- Control panel features large 10-key pad with LCD that provides optimum viewing and convenience.*

*Control panel location may vary depending on region or model.
- Green/red telescope guide light enhances work efficiency in a range up to 150m.
- Built-in laser plummet with five brightness levels is equipped for quick instrument setting in all lighting conditions.

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The ultra-narrow laser beam can measure precisely walls, corners, manholes on the road surface, even chain-link fences and tree branches.