

Laser-View Technologies provides makers of pile driving equipment with Dimetix laser distance sensors to monitor the depth of each pile. Monitoring the depth of piles for solar farms is a crucial step in the proper set up of solar farms with many rows of panels.

DIMETIX
LASER DISTANCE SENSORS



Pile driving equipment poses the following challenges for a depth monitoring sensor:

- ⊕ Vibration
- ⊕ Sunlight
- ⊕ Weather
- ⊕ Dirt



Dimetix D-series lasers used for this application can measure 50 m without a special reflector and the spot size remains small to stay on target as the pile driving head vibrates. The IP65 environmental rating serves the application well. Dimetix also has shock and vibration certifications to support its use in such applications. Dimetix D-Series lasers provide a 3 mm accuracy for the pile driving process.

For applications in which further protection from harsh weather, dust, and heat are required, we also supply the Dimetix Laser Distance sensor pre-installed in weathertight enclosures. These enclosures serve well on mining equipment.

The enclosures are designed to meet and exceed both NEMA 4X and IP65 environmental conditions. Main body construction is of 316 S/S with full silicone gasketing. Our enclosures fit Dimetix D-series laser distance sensors.

