

# Products & Practice

## Sensera Systems PTZ500 Jobsite Camera

The PTZ500 from Sensera Systems is available in an AC-powered kit (PTZ500x-101) or solar-powered kit (PTZ500x-102). The latter requires no exterior power source thanks to its solar panel. The camera can be used to capture wide-angle panoramic images on large-scale projects as well as time-lapse video and includes an integrated modem for WiFi or 4G LTE cellular service. Sensera's SiteCloud® platform, which provides software that allows users to monitor and share data in real time on any web-enabled device, is required for operation. The PTZ500 camera can operate in temperatures ranging from -20 to 50°C (-4 to 122°F), making it suitable for a variety of climates. Sensera products are available for use only in the United States and Canada.

—Sensera Systems, Inc., [www.senserasytems.com](http://www.senserasytems.com)



## PROSOCO Integral Colors for Overlays

PROSOCO's Integral Colors for Overlays are premeasured, concentrated liquids designed to integrally color mixtures for overlays and polishable overlays. The water-based formulations are available in nine colors and come in 10 fl oz (300 mL) packages for easy handling. The liquids are nontoxic, and they blend easily into mixtures during the mixing process. They are also low-odor, VOC-compliant, nonflammable, noncorrosive, and UV-resistant, so they are suitable for indoor or outdoor applications. These integral color concentrates are compatible with other PROSOCO Consolideck products that color, densify, dustproof, add sheen, and protect from stains.

—PROSOCO, [www.prosoco.com](http://www.prosoco.com)

## Iron Age Immortalizer Work Boot Series

The Immortalizer work boot series features crack-, mortar-, and lime-resistant leather as well as Iron Age's Muckraker™ system, a metallic cleaning tool that can be used to scrape wet mortar and mud out of the outsole's grooves. The Immortalizer Composite Toe Work Boot comes in a 6 in. (152 mm) Lace-Up and a 10 in. (254 mm) Wellington version. Both models offer Iron Age's Bootbed™ memory-foam footbed. An abrasion-resistant toe guard wraps around the top and side of the toe. On the inside of the boot, a Hydrotex® Waterproof Liner wicks any penetrating moisture away from the foot while also allowing for breathability.

—Iron Age Footwear, [www.ironagefootwear.com](http://www.ironagefootwear.com)



## Brokk/Darda Crusher Attachments

The CC440, CC480, and CC580 concrete crusher attachments from Brokk®, manufactured by Brokk's sister company Darda®, provide high crushing power with minimal weight. Each model includes a pressure booster, allowing it to operate independently of the carrier's working pressure and maximizing speed and crushing force. With full 360-degree rotation, large jaw openings, and a crushing force ranging from 48 to 60 tons (44 to 54 tonnes), the attachments can crush 17 to 22 in. (440 to 560 mm) thick concrete and cut No. 9 reinforcing bars. The CC series crushers have wear-resistant, replaceable steel alloy crusher tips and cutter blades.

—Brokk, [www.brokk.com](http://www.brokk.com)

—Darda, [www.darda.de](http://www.darda.de)

## Trimble X7 3D Laser Scanning System

The Trimble X7 3D laser scanning system captures three-dimensional (3-D) scanning data in real time and is fully integrated with Trimble Field Link software to provide streamlined workflows specific to the building construction industry—from scanning to modeling to field layout. An integrated laser pointer enables scan data to be referenced to the project coordinate system in real time and enables basic field layout capabilities. In-field registration provides a fully registered point cloud before the scanner leaves the jobsite. Applications for the X7 combined with Trimble Field Link include verification of locations of embeds and post-tensioning tendons and detection of concrete/steel beam and column deformations. Trimble’s patented technology enables both automatic calibration and automatic level detection to ensure accuracy of data and eliminate the need for annual calibration maintenance. The X7 comes with a Microsoft® Windows®-based Trimble T10 tablet, a backpack, and a lightweight tripod.

—Trimble, <https://buildings.trimble.com>



## Products & Service Literature & Videos

### *Helical Pile Foundation Design Guide* by the DFI Helical Piles and Tiebacks Committee

The Deep Foundations Institute (DFI) released the first edition of the *Helical Pile Foundation Design Guide*. The guide was produced by the DFI Helical Piles and Tiebacks Committee under the leadership of Gary L. Seider, Chair; Wayne Thompson, Editor and Design Guide Subcommittee Chair; and Karen Dawson, Contributor and Editor. This short guide is intended for the preliminary design and selection of helical piles and anchors. It covers applications, terminology, advantages and limitations, geotechnical and structural design methods, corrosion protection, load testing, and quality control and assurance. The guide is intended for use by engineers and designers with appropriate background knowledge of theoretical soil mechanics and foundation design methods. The guide is available for purchase at [www.dfi.org/publications.asp](http://www.dfi.org/publications.asp).

*\$30 (DFI members) or \$50 (nonmembers); 65 pp.*

—Deep Foundations Institute, [www.dfi.org](http://www.dfi.org)

## Web Notes

### ASLA “Guide to Universal Design” by Ian Dillon and Jared Green

The American Society of Landscape Architects (ASLA) published an online “Guide to Universal Design.” The short guide, available at [www.asla.org/universaldesign](http://www.asla.org/universaldesign), argues that society must be made more accessible so that all people can participate in public life. It breaks down the types of lived experiences to consider in designing public spaces and discusses how universal design principles help all people have quality public experiences and feel more connected to society.

—American Society of Landscape Architects, [www.asla.org](http://www.asla.org)