



ALIGNCAM™ SYSTEM

View Alignments Live, On Screen

AlignCam is a new digital upgrade for Brunson's current line of alignment telescopes, levels and transits used daily and extensively in the field. AlignCam provides a live image and continuous feedback on sight lines, so a field technician can make adjustments to achieve precision alignments. This solution is ideal for repetitive measurement tasks and a variety of applications, such as turbomachinery centerlines, drive system alignment, roller alignment in many types of process machinery, precision leveling of machine bases, and other machine alignment challenges.

The AlignCam solution includes a digital camera, high quality CCD sensor, an instrument adapter, and Brunson's TeleView™ software. The AlignCam's mobile option allows a single operator to view the target on a mobile device anywhere in the workspace.

The camera system dramatically improves user ergonomics for viewing difficult setups in the field or the lab. Using a wireless connection and remote monitoring, service professionals can view targets, share their readings and collaborate with service team members anywhere on the job site or around the world.



AlignCam comes with a Kindle Fire to allow the user to observe alignments while creating real-time adjustments.

The configurable digital solution is outfitted with a specially-designed adapter for quick, on-site user installation. To set up, the field technician simply connects the camera assembly to the optical instrument, and plugs the USB cable into the camera and the computer. Power is supplied to the camera via the USB cable.

ALIGNCAM MOBILE OPTION

Using the AlignCam mobile option, field technicians can make real-time adjustments while watching the target image from anywhere on the jobsite using a wireless mobile device. Live images can also be shared with team members in other locations, both locally and around the world. (See our *AlignCam mobile option on the back.*)



The AlignCam can be purchased with or without a laptop.



Camera Kit Components and Specifications

Camera

Size: 1.30" x 1.34" x 1.35" (32mm x 34mm x 34.4mm)
Weight: .017 lbs (80g)
Sensor: Monochrome CCD 1/3 inch
Resolution: 1280 x 960 (1.2mp)
Frames/Second: Bus dependent, 25 max

Instrument Adapter

Size: 3.0" length x 1.5" diameter (76.2mm x 38.1mm)
Weight: 0.40 lb (0.18kg)

Computer Requirements

Operating System: Windows 7 or Windows 10
Architecture: 32 or 64 bit
Processor: 2.6 GHz minimum
RAM: 4 GB minimum
USB Ports: USB 2.0 (one required)

Cable

Type: USB 2.0, Mini B to A connectors
Length: 16.4 feet (5 meters)

Base Camera Kits

Camera Kit Model	Compatible Instruments	Included Items
8420-2140SE-M	2202, 2202-02, 2024, 2024-02, C47280	Camera, Instrument Adapter, USB Cable, Televue Software
8430-2140SE-M	2062, 5380000-1	Camera, Instrument Adapter, USB Cable, Televue Software

Accessories

Part Number	Description
16772	Laptop, preconfigured for use with camera kit
16774	Laptop Stand

Remote Monitoring Kits

Two portable, turnkey solutions are available which allow remote monitoring of the camera image. Both kits (hard case and backpack) include laptops which are preconfigured for fast and simple operation. Both are designed to safely transport the camera kit as well as the components listed below.

8490 Hard Case Portable Kit

Laptop
 Wireless-enabled tablet
 Wireless router
 Network Cable
 Hard shell, watertight, rolling carry-on case



8491 Backpack Portable Kit

Laptop
 Wireless-enabled tablet
 Wireless router
 Network Cable
 Backpack (actual backpack may vary from image shown)



877 - MEASURE
www.brunson.us/aligncam

sales@brunson.us
 8000 East 23rd St
 Kansas City, MO 64129

