



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 CMOS 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.

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.



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



Camera Kit Components and Specifications

Camera

Size: 1.18" x 1.18" x 1.6" (30mm x 30mm x 40mm)
Weight: 0.1 lbs (45g)
Sensor: Color CMOS 1/3 inch
Resolution: 1280 x 960 (1.2mp)
Frames/Second: Bus dependent, 52 max

Instrument Adapters

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

Computer Requirements

Operating System: Windows 10 or 11
Architecture: 32 or 64 bit
Processor: 2.6 GHz minimum
RAM: 4 GB minimum
USB Ports: USB 3.0 (one required)

Cable

Type: Micro-b USB 3.0 to USB A 3.0
Length: 15 feet (4.6 meters)

Base Camera Kits

Camera Kit Model	Compatible Instruments	Included Items
8420-2140SE-M	2022, 2024, 2024-02, C47280	Camera, Instrument Adapter, USB Cable, Televue Software
8430-2140SE-M	2062, 5380000-1	
8440-2140SE-M	771, 771-H, 75, 75-H, 76-R, 76-RH, 545-160, 545-190	
8450-2140SE-M	2030, 2024BL	

Accessories

Part Number	Description
16772	Laptop, pre-configured for use with camera kit

AlignCam Mobile Option: Remote Monitoring Kit

A portable, turnkey solution is available to allow remote monitoring of the camera image. The kit includes a pre-configured laptop for fast and simple operation. The hard case safely transports 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

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