Scanner Kit

The 4810LR-153-LTRK 2D imaging scanner is purpose built for the Law Enforcement market. The kit contains all you need to install and connect the compact scanner to the USB Port of the vehicle computer including communication drivers and a microphone style mounting system to safely store the unit when not in use.

- Microphone style megapixel imager
- Microphone style mount
- TraCS compatible imaging firmware
- Coiled USB Interface Cable
- Native USB keyboard or USB-com port emulation drivers
- Microphone hang up clip

4810 2D Imaging Scanner

The 4810 area imager combines the versatility of area imaging with the speed and cost of linear scanning for a wide range of applications. Powered by Adaptus™ imaging, it is full featured, fast, and cost effective.

Current and future license and vehicle registration applications will involve much more than linear bar codes. The omnidirectional reading capability of the 4810 allows fast, easy reading of AAMVA PDF417, and linear bar codes printed on driver licenses. Whether capturing a signature as proof of citation delivery, taking a picture for identification, or documenting false identification, image capture is a mainstream requirement and an important part of current and future law enforcement solutions.

The Adaptus powered 4810 is equipped with a mega pixel next generation imager for best-in-class image quality and image transfer speed, all at very economical prices. With no moving parts, the 4810 is as durable as it is versatile.

This device contains firmware that makes it compatible with the TraCS software image capture mode.

4810LR-153 Features

- PDF image Reader decodes linear and PDF-417 symbologies and captures images
- Omnidirectional reading of linear, AAMVA PDF-417, MicroPDF417
- Image Capture - Class-leading image quality and image transfer speed provide crisp images in less than one second
- Built to Last - Durable, with no moving parts
- TraCS compatible imaging firmware
- Optimized focal point and illumination for reading driver licenses and registrations
- Compact size
- Integral microphone button compatible with microphone hang up clips

Premium Features

High Performance and Versatile Data Collection: Adaptus Imaging provides aggressive, omni-directional reading of all linear and 2D bar codes, plus digital image capture enables you to collect and manage more data with a single device.

Presentation™ Mode: The scanner can be used as a standard point and shoot imaging scanner, or configured to always be on and ready to scan – making presentation reading easy and intuitive.

Advanced Illumination System: The imaging scanner uses white LED illumination to allow for "True" gray scale images.

Host Download: Enables the download of configuration changes or new application software directly from the host system to each scanner.

Robust Image Processing Software: Advanced on-board software enables you to crop, rotate, enhance, and compress digital images, ensuring their usability.

Built to Last: No moving parts to wear out, and a 3 year warranty make the 4810 one of the toughest imaging scanners on the market.

Form Factor: Ideal size and mounting for in-vehicle applications. Small size and microphone style make it easy and safe to store in the vehicle.

powered by **Adaptus®** imaging technology

4810LR-153-LTRK Specifications

PERFORMANCE

Illumination LEDs: White LED illumination
Aiming (Red Laser Aimer): 526nm +30nm
Image: 1280 x 960 Mega Pixel, Binary, TIFF, or JPEG output.

Working Range (Standard):

	6.7 mil PDF417	**10 mil PDF417**
Near	3.5 in. (8.9cm)	2.8 in. (7.1cm)
Far	7.4 in. (18.8cm)	9.3 in. (23.6cm)

Skew Angle: +40 degrees

Pitch Angle: +40 degrees

Motion Tolerance: Standard: 4 in. (10 cm) per second Scanning, 2in. (5 cm) per second imaging (est)

SYMBOLOGIES

2 Dimensional: PDF417, MicroPDF417, MaxiCode, Data Matrix, QR Code, Aztec, Aztec Mesas, Code 49, and EAN•UCC Composite

Linear: Code 39, Code 128, Interleaved 2 of 5, Code 93, UPC, EAN, Codabar, GS1 DataBar, Codablock F, and ISBT 128

OCR Fonts: OCR-A, OCR-B

Interfaces: USB Keyboard and Com port emulation

Warranty: 3 year warranty

ENVIRONMENTAL

Sealing: IP40 (Water and Dust Resistant)

Operating Temperature: 32°F to 122°F (0°C to 50°C)

Storage Temperature: -4°F to 140°F (-20°C to 60°C)

Humidity: 0 to 95%, non-condensing

Mechanical Shock: Operational after 50 drops from 6 ft. (1.8 m) to concrete

Ambient Light: 0 to 100,000 lux (full sunlight)

ESD Protection: Functional after 100 15kV discharges

Vibration: Withstands 5G peak from 22 to 300 Hz

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