

User Manual for Fraud Fighter UV Product Line

I. Installation Instructions

The units come pre-assembled. Installation of the device is a simple matter of removal of the unit from the packaging and plugging it into a standard 120V AC power outlet. The device should be placed in a location that is easily within reach of the cashier/teller.

In order to avoid potentially hazardous exposure to UV light, the unit should be installed below eye-level, in a location which will not permit either the user or the customer to directly look into the UV bulbs.

Some models not designed for countertop use may require mounting underneath a counter surface. Please review the special instructions below for mounting of these devices.

The components used in the construction of this device are designed to produce an area of intense U.V. light, sufficient to enable the user to view hidden security features under standard lighting conditions typical of retail/office locations. For best performance, the device should be located so as to avoid direct interference from sunlight or other bright white-light sources.

Special Installation Instructions for POS15 Under-Counter Scanner

With Velcro strips or brackets

IMPORTANT: The unit should be mounted below eye level with the on/off switch on the front side, vent holes on the back and fluorescent tube facing downward.

Velcro strip installation

The strips are easy to use
Press to close, peel to open

Clean both surfaces where fastener is to be applied. Dry completely.

Peel off loop fastener (fuzzy surface) backing and press strip firmly into place on mounting surface where scanner is to be installed giving you a 7 ½" x 1 ½" holding area.

As above: Peel off hook fastener (flatter hard surface) backing and press firmly into place along top of scanner (7 ½" x 2" side)

Wait 5 minutes for adhesive to set (before attaching the hook fastener on scanner to the loop fastener on mounting surface) Adhesive bond reaches maximum strength after 24 hours. Press both sides firmly together for long lasting bond. The unit can be removed and re-attached. If the unit has to be located to another location do not attempt to reuse the Velcro strips.

NOTE - Not recommended for use on PVC plastic. Moving fastener will weaken sticking power.

Bracket installation

Using screws supplied attach an L bracket to threaded screw hole on each side of the unit. The brackets can be positioned to allow mounting to surfaces either above or behind unit.

II. Safety and your ultraviolet scanner.

The Fraud Fighter counterfeit detection devices operate at 365 nanometers in the UV Light Range. This is at the top end of the UV-C or long wave, which extends from 320 nanometers to 400 nanometers. Although persons exposed to UV-B (medium wave, 280 – 320 nanometers) and UV-A (short wave, 100 – 280 nanometers) do need to take appropriate precautions, exposure to UV-C is considered harmless and of less consequence than exposure to daylight. It should also be noted that these are the same devices that have been safely used for many years in Federal and State offices for the authentication of passports and other important documents.

To use your UV lamps safely, follow these installation guidelines. Install the units below eye level and avoid looking at the light for extended periods of time.

III. Using the Scanner

The scanners are easy to use and require very little training. Simply place the item being tested under the illumination of the U.V. lamps and look to see if a fluorescing security feature becomes visible. Please reference your training materials (Fraud Fighter Quick Guide, Tips on what to look for). If you need to replace your training materials, please [click here](#). (Link to Log-In area for download of training materials)