MICROSCAN

MicroHAWK Accessory Guide

This guide contains instructions for how to install the following accessories on a MicroHAWK ID-30 or ID-40 Reader, or an MV-30 or MV-40 Smart Camera:

- Window Kit, Diffuser (**98-9000043-01**)
- Window Kit, Polarizer (**98-9000044-01**)
- Window Kit, Replacement (**98-9000051-01**)
- LED Kit, Red (**98-9000045-01**)
- LED Kit, White (**98-9000046-01**)

Hardware Required

Window Kit Hardware

Qty.	Description
1	Window or Window Accessory (included)
4	0-80 Phillips-Head Screws (included)
1	Gasket (included)
1	Phillips Torque Wrench (not included)

LED Kit Hardware

Qty.	Description
2	LED Boards (included)
6	0-80 Phillips-head Screws (included)
1	Gasket (included)
1	Phillips Torque Wrench (not included)
1	Fine-Tip Tweezers (not included)

Window Removal

Step 1: Disconnect power from the reader.

Step 2: Remove the four screws from the front window of the reader.

Step 3: Remove the front window and gasket.

Note: If installing a window accessory only, skip to **Step 8**.

Steps 2 and 3

Outer LED Removal

Note: If installing an LED accessory only, skip to **Step 6**.

Step 4: Remove the two screws from the LED boards.

Step 5: Unplug the LED boards from the reader.

Note: The LED boards have a connector interface. Gently pry the top of each LED board from the main board using fine-tipped tweezers or an equivalent tool. Use caution not to contact the LEDs as they may become damaged.

Steps 4 and 5

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Outer LED Installation

Step 6: Plug the LED boards into the main board. Use caution not to touch the LEDs, as they may be damaged by contact.

Step 7: Secure the LED boards in place using the screws provided. Do not over-tighten the screws. (1.0 in./lbs. (0.11 nm max.)

Steps 6 and 7

Window Installation

Step 8: Install the gasket onto the reader. Ensure that the gasket is properly seated in place and is covering all sealing surfaces.

Step 9: Install the window (or window accessory) onto the reader.

Step 10: Secure the window in place using the screws provided. Do not over-tighten the screws. (1.0 in./lbs. (0.11 nm max.)

Steps 8, 9 and 10

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