V460-H
Industrial Handheld DPM Reader

Quick Start Guide

Step 1 – Assemble the Hardware

Part	Description	Part Number
1	V460-H Industrial DPM Reader	V460-H0PX
2	Ethernet Communication Cable (Straight M12 Plug to RJ45 Connector)	V430-WE-3M
3	Single Port PoE Injector, 30W, IEEE802.3at, 2 x RJ45 Connector, 90 to 264VAC	98-9000311-01
4	Standard Ethernet Cables, In-Cabinet Use	XS6W-5PUR8SS100CM-G
5	AC Power cord 2.5M US C13	12-9000959-01

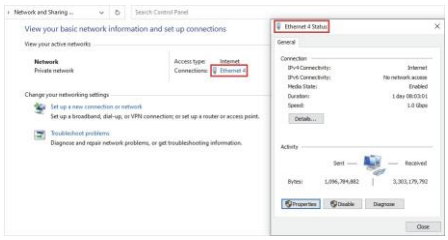
Connect the M12 Connector to the reader
Connect another end to OUT - POE injector!

Connect the Ethernet Cable from IN port to Host PC

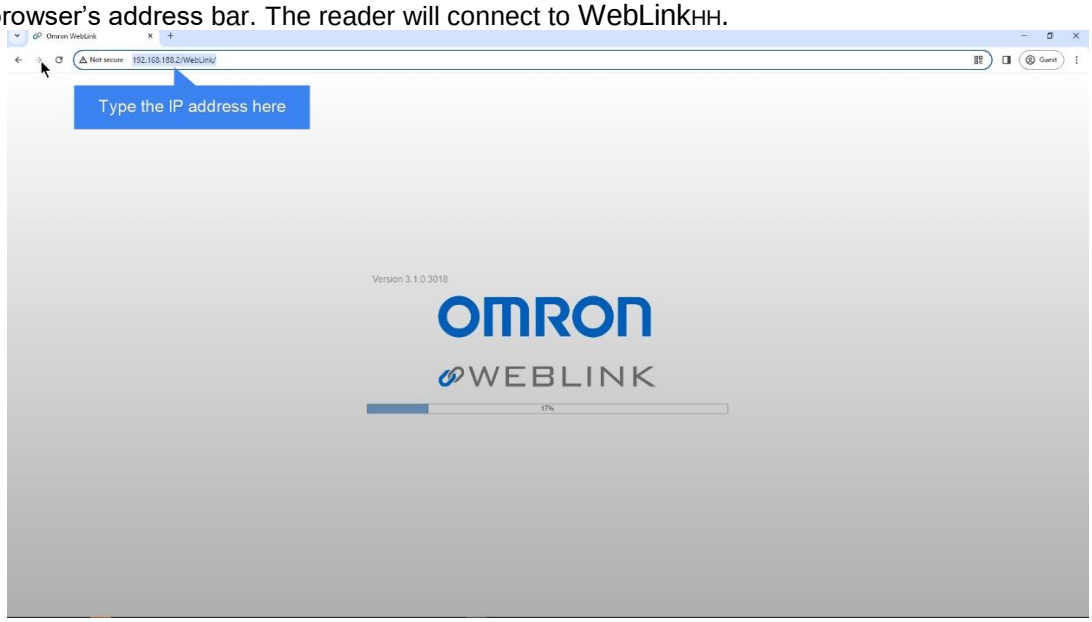
Step 2 Connect to WebLinkHH

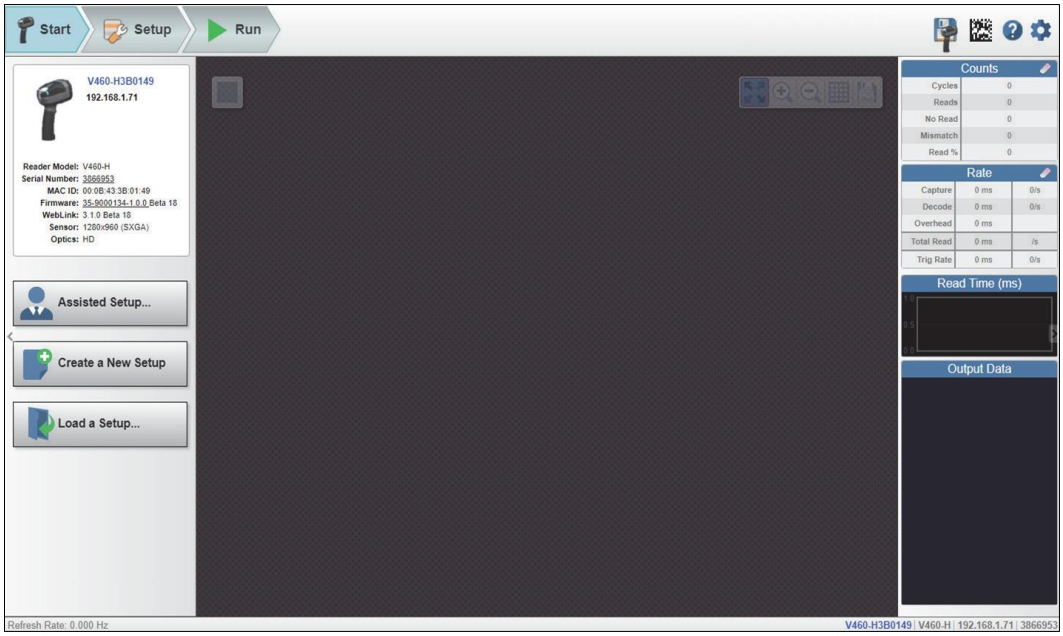
- Navigate to **Control Panel > Network and Sharing Center** on your PC.
- Click **Local Area Connection**. In the **Status** dialog, click **Properties**.
- In the **Local Area Connection Properties** dialog, select **Internet Protocol Version 4 (TCP/IPv4)** and click **Properties** again. Set your PC to a **192.168.188.5**, for example.

  Note: In Windows 10, the Local Area Connection is referred to as **Ethernet**.



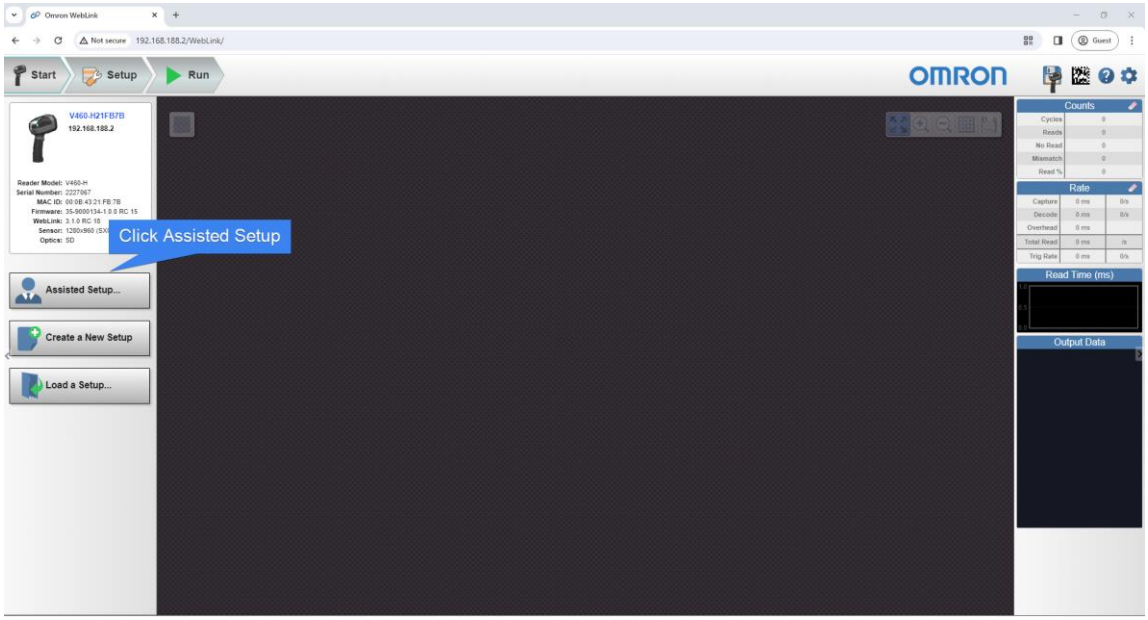
Open a web browser and type the reader's default IP address (**192.168.188.2**) in the web browser's address bar. The reader will connect to WebLinkHH.



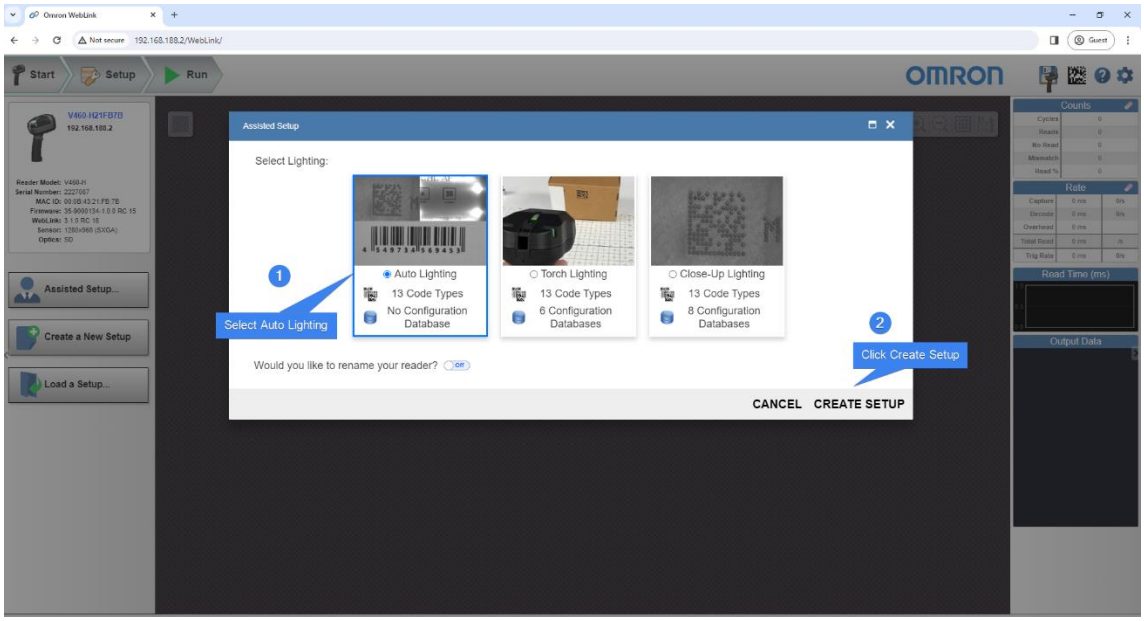


Step 3 Quick Setup

When you click the **Assisted Setup** button in the **Start** view, a dialog with three lighting configurations will appear. WebLinkHH generates your initial setup automatically. Once the setup is created, you can fine-tune its parameters in the **Setup** view too.



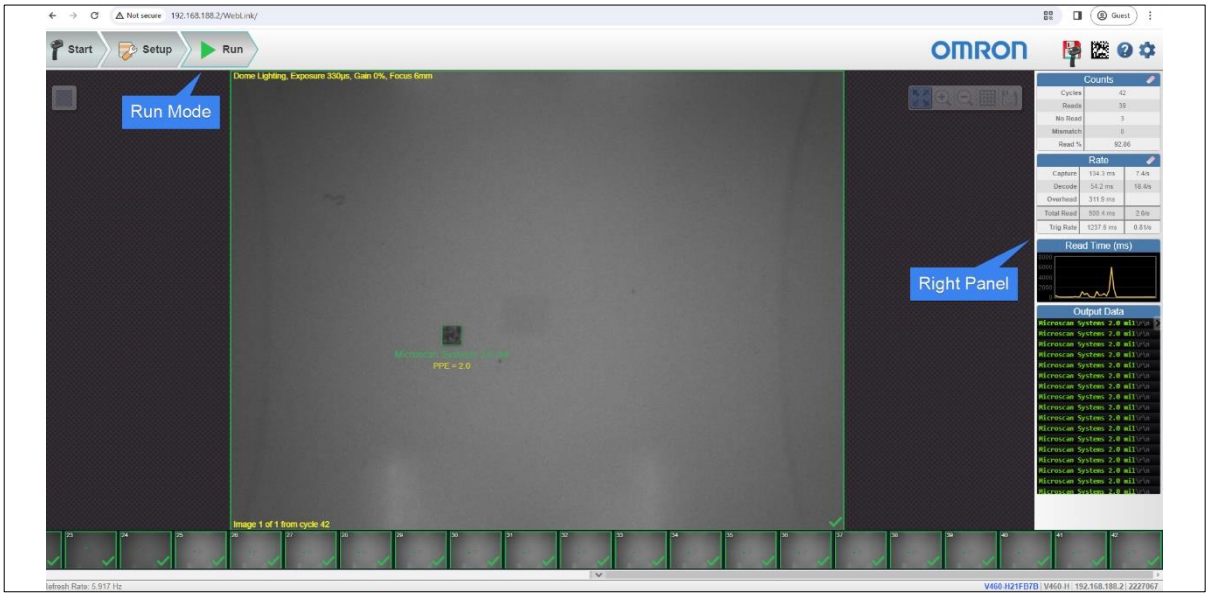
Follow step 1 and 2 as below,



- **Auto Lighting** is the default “auto-everything” that automatically selects the best lighting and imaging parameters for the application.
- **Torch Lighting** only enables the built-in high-intensity long-range lighting and automatically selects the best **Focus**, **Exposure** and **Gain** parameters for codes to be read at a distance.
- **Close-Up Lighting** only enables the built-in **Dome** and **Low-Angle** lighting and cycles through illumination settings optimized to decode challenging direct part marks and/or codes on highly reflective surfaces.

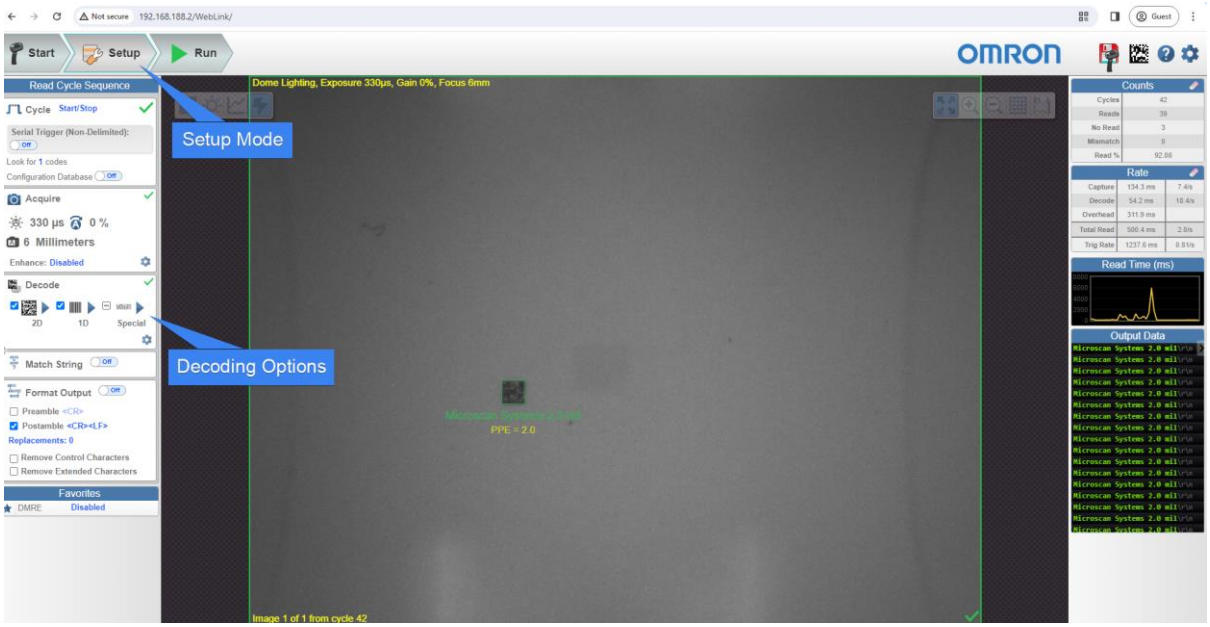
Step 4 Run Mode

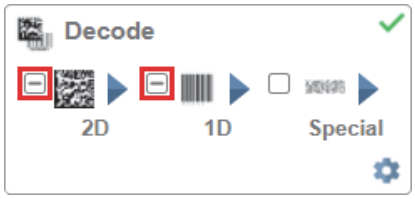
The sowftware will jump to **Run** mode, the **right panel** of the UI shows **Counts** for **Cycles**, **Reads**, **No Reads**, and **Mismatches**, as well as **Rate** information for **Capture**, **Decode**, **Overhead**, **Total Read**, and **Trigger Rate**, as well as **Output Data**. A **"filmstrip"** below the **Image Area** shows each image capture with a **green check mark** for a good read and a **red x** for a no read.

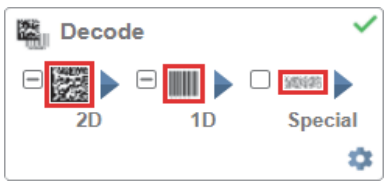


Step 5 Setup Mode (Optional)

The **Decode** area of the **Setup** view allows you to choose which symbology (code types) you want to enable and allows you to configure the parameters for that symbology.







Click the symbols themselves to bring up a list of all the code types available in that symbology category.

Step 6 Save Program

The **flash icon** at the upper right of the WebLinkHH interface allows you to save current settings to the handheld for reboot. When the current handheld settings match those saved in flash memory, the disk icon changes from **red** to **blue**.

Save to Flash Memory – Unsaved Condition

Saved to Flash Memory – Saved Condition

Aiming Guidelines

When scanning, the V460-H projects two LED dots that allow you to position the barcode within the reader's field of view (FOV).

The V460-H activates its aiming LED dots to illuminate the target barcode. To scan a barcode, center it between the two aiming dots. Continue to press trigger till it automatically decodes the code.

Long press the trigger in the reader to cycle through all lighting configurations.

Beeper and LED Definitions

Event	Sound / Vibration	WebLinkHH*	LEDs	WebLinkHH*
Standard Use				
Successful Power-On	1 Long Beep / Vibration	YES	**Flash**	NO
Decode – Successful (Good Read)	1 Beep / Vibration	YES	**Flash**	NO
Decode – Unsuccessful (No Read)	2 Beeps / Vibrations	YES	**Flash**	NO
Ethernet Not Connected / Connection Error**	4 Beeps / Vibrations	NO	**Blink**	NO
Presentation Mode ON				
Ready	None	NO	**Steady**	NO
Decode – Successful (Good Read)	1 Beep	YES	**Flash**	NO
Barcode Programming				
Programming – Successful (Code OK)	2 Beeps / Vibrations	YES	**Blink**	NO
Maintenance Indications				
Firmware Installation	2 Long Beeps / Vibrations	YES	**Flash**	NO

***WebLinkHH:** Indicates if the feature can be enabled / disabled via WebLinkHH.

****If you connect the reader and then disconnect the Ethernet cable from the PC or PLC, the reader will beep four times every few seconds to signal that the Ethernet cable is disconnected.

Restore Defaults

CAUTION: Scanning the below code will default to factory setting of the reader including IP address.

Restore Defaults

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• Power Supplies • Timers • Counters • Programmable Relays
• Digital Panel Meters • Monitoring Products

Switches & Relays
• Limit Switches • Pushbutton Switches • Electromechanical Relays
• Solid State Relays

Software
• Programming & Configuration • Runtime

Note: Specifications are subject to change.

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