



K388 Pro Setup & User Guide

Urovo K388 Pro Scanner/Printer
Hardware Setup, Labels & Maintenance

Innovative Programming Systems
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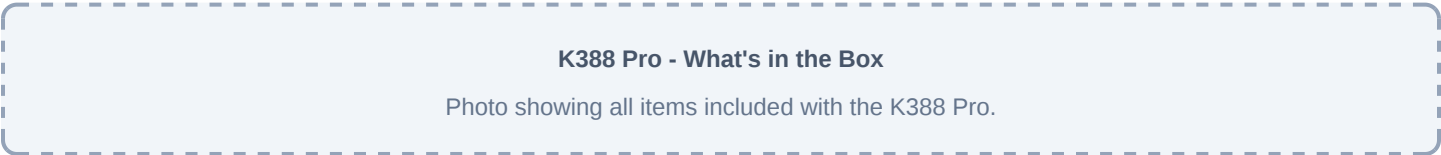
8. Full Specifications

1. K388 Pro Overview

The Urovo K388 Pro is a handheld scanner and printer in one device. It scans barcodes, prints adhesive labels, and applies them to parts boxes — all in one motion. It runs the same ScanIt Parts app you already know.

1.1 What's in the Box

- K388 Pro scanner/printer
- Rechargeable battery
- USB-C charging cable
- 5V/2A power adapter
- Starter label roll



1.2 Hardware Specs

Feature	K388 Pro
Screen	5.5" color touchscreen (720 x 1440)
Scanner	1D and 2D barcode reader
Printer	Built-in thermal label printer (203 DPI)
Print Speed	Up to 120 mm/s
Battery	3000 mAh, hot-swappable, 18-20 hours runtime
Wi-Fi	Wi-Fi 6E (2.4/5 GHz), 2x2 MU-MIMO
Bluetooth	5.3
NFC	Yes
Android	14

Weight	800g (1.76 lbs)
Drop Rating	1.5m (5 ft) to concrete
Cameras	13MP rear + 5MP front

1.3 K388 Pro vs. 6059+

The K388 Pro does the same job as the 6059+ — scan, print, and apply labels. Here's how they compare:

Feature	K388 Pro	6059+
OS	Android 14	Android 12.1
Processor	Octa-core 2.4GHz	Quad-core
Screen	5.5" (720x1440)	LCD touchscreen
RAM / Storage	4GB / 64GB	4GB / 32GB
Print Speed	120 mm/s	101.6 mm/s
Print Width	Up to 58 mm	30-51 mm
Label Commands	CPCL, ZPL, TSPL	Monarch proprietary
Wi-Fi	Wi-Fi 6E (2x2 MU-MIMO)	Wi-Fi 5 (802.11ac)
Bluetooth	5.3 + BLE	5.1
Battery Life	18-20 hours	~8 hours
Hot-Swap Battery	Yes (10.8V/3000mAh)	No (7.4V)
Cameras	5MP front + 13MP rear	None
Weight	1.76 lbs (800g)	2.3 lbs
Drop Rating	1.5m to concrete	N/S

Same App: The K388 Pro runs the same ScanIt Parts app. All your menus, workflows, and features work the same way. The main differences are better hardware — bigger screen, faster Wi-Fi, longer battery life, and hot-swap batteries.

2. Initial Setup

2.1 Charging the Battery

Before first use, charge the battery fully.

- 1 Insert the battery into the K388 Pro (see Section 4.2 for how)
- 2 Plug the USB-C cable into the port on the bottom of the scanner
- 3 Plug the other end into the 5V/2A power adapter
- 4 The battery icon on screen shows charging progress
- 5 Wait for a full charge before first use

Tip: You can also charge batteries in the 4-slot charger cradle (sold separately). This lets you charge spare batteries while using the scanner.

2.2 Powering On

- 1 Press and hold the **Power button** on the side of the device
- 2 Wait for the Android home screen to appear
- 3 Tap the **ScanIt Parts** app icon to launch

K388 Pro - Power Button Location

Photo showing the power button on the side of the K388 Pro.

2.3 Connecting to Wi-Fi

- 1 Swipe down from the top of the screen to open the notification shade
- 2 Tap and hold the **Wi-Fi** icon
- 3 Select your dealership Wi-Fi network
- 4 Enter the Wi-Fi password
- 5 Wait for "Connected" to appear

Important: The K388 Pro needs a Wi-Fi connection to sync with ScanIt Parts. Make sure your warehouse has good Wi-Fi coverage. Use the 5 GHz band if your network supports it — it's faster and less crowded.

2.4 Installing ScanIt Parts

Your K388 Pro may come with ScanIt Parts pre-installed. If not:

- 1 Connect the K388 Pro to Wi-Fi
- 2 Open the **web browser** on the device
- 3 Go to the download link provided by IPS
- 4 Download and install the ScanIt Parts APK

- 5 If asked, allow "Install from unknown sources"

Updates: ScanIt Parts checks for updates on its own. When a new version is ready, you'll see an update prompt on the login screen.

2.5 First Login

- 1 Open the ScanIt Parts app
- 2 Enter your **Username** (letters, numbers, dashes, and underscores only — no spaces)
- 3 Enter your **PIN**
- 4 Tap **Login**
- 5 If your dealer has more than one store, select your store
- 6 The main menu appears — you're ready to scan

K388 Pro - Login Screen

ScanIt Parts login screen on K388 Pro showing username and PIN fields.

Tip: Your username and PIN are the same ones you use on any ScanIt Parts scanner. Ask your manager if you don't have a login yet.

3. Labels & Printing

3.1 Label Specs

Spec	Details
Label Type	Thermal direct adhesive labels
Label Width	38-58 mm (standard: 2" / 50.8 mm)
Print Width	Up to 58 mm
Roll Diameter	Up to 60 mm
Paper Thickness	50-180 microns
Print Resolution	203 DPI

Ordering Labels: Order label rolls through the ScanIt Parts Order Supplies page or contact IPS support. Use the same 2" x 2" adhesive label rolls used with the 6059+.

3.2 Loading a Label Roll

- 1

Power on the scanner
- 2

Peel the first **3 labels** off the new roll and discard them — the roll feeds far more easily without them
- 3

Open the **latch door on the front**
- 4

Press the **yellow button on top** of the unit
- 5

Remove the empty roll core and throw it away

6 Expand the roller holder

7 Insert the new roll with the **black marks facing down**, so the labels feed from the bottom of the roll

8 Close the lid. **The scanner feeds a label automatically**

9 Remove the label it fed

10 Close the latch

Watch it: [How to Load Labels — Urovo K388 Pro](#) (1 minute)

A short video of the whole sequence — the yellow button, the roller holder, seating the roll black-marks-down, and the automatic feed.

There is no calibration step on the K388 Pro. The scanner **self-calibrates** when you load a roll, and feeds a label by itself when you close the lid. Do not go hunting for a Calibrate button as part of loading, and do not pull the first label through by hand — just take the one the scanner gives you. (Calibrating after every roll is a *Monarch* procedure. See Section 3.3 for the times you would still use Calibrate on a K388.)

Moving from an Avery Monarch 6059 or 6057? The K388 Pro does *not* load the same way, and it looks similar enough to be misleading. Three differences catch people out:

- On a Monarch you press a release latch on **top** and lift the cover. On the K388 Pro you open a **latch door on the front**, then press the **yellow button on top**.
- The K388 Pro **feeds the first label for you** when the lid closes. You do not pull it through.
- A Monarch must be **recalibrated after every roll**. The K388 Pro must not — it calibrates itself on load.

This is the most common problem reported by dealerships switching over — watch the video above before your first roll.

Still running older units? They have their own videos: [Monarch 6059](#) · [Monarch 6057](#)

Why "black marks down"? The black marks on the back of the roll are what a **Monarch** uses to find where each label starts and stops. The **K388 Pro does not use them at all** — it measures the gap between labels instead. Both scanners take the same 2" x 2" label stock, so the black mark is simply the quickest landmark for confirming the roll is the right way round and feeding from the bottom.

3.3 Calibrating the Printer

You do not need to do this after loading a roll — the K388 Pro calibrates itself on load (see Section 3.2). Use Calibrate only if labels are printing off-center, or if IPS support asks you to.

- 1 In the ScanIt Parts app, go to **Settings**
- 2 Open the card titled **Printer**
- 3 Tap **Calibrate**
- 4 The printer will feed a few labels and find the label edges
- 5 Print a test label to make sure it looks right (see Section 3.4)

3.4 Test Print

- 1 Go to **Settings > Printer**
- 2 Tap **Test Print**
- 3 A sample label prints out
- 4 Check that the text is clear and the label is aligned

Tip: If the test label looks faded, the print head may need cleaning (see Section 6.3).

4. Battery & Charging

4.1 Battery Specs

Spec	Details
Capacity	3000 mAh (32.4 Wh)
Type	Rechargeable lithium-ion
Runtime	18-20 hours of normal use
Print Capacity	Up to 200 meters of labels per charge
Hot-Swappable	Yes — swap without powering off
Charging	USB-C (5V/2A) or 4-slot charger cradle

4.2 Swapping the Battery

The K388 Pro supports hot-swap — you can change the battery without turning off the scanner. Your work is not lost.

- 1

Have a charged battery ready
- 2

Press the battery release latch on the back of the scanner
- 3

Slide the old battery out
- 4

Slide the new battery in until it clicks
- 5

The scanner stays on and picks up where you left off

Photo sequence showing battery release latch, removal, and insertion.

Be Quick: Swap the battery within 30 seconds. The scanner has a small backup capacitor that keeps it alive during the swap, but it won't last long.

4.3 Battery Charger

The optional 4-slot charger cradle charges up to 4 batteries at once. Keep spare batteries charging so you always have a fresh one ready.

Charging Method	How
USB-C (in scanner)	Plug USB-C into the scanner. Charges while you work.
4-Slot Cradle	Drop batteries into the cradle. LED lights show charge status.

4-Slot Battery Charger

Photo of the 4-slot charger cradle with batteries inserted and LED indicators.

4.4 Battery Care Tips

- **Charge nightly** — Put the scanner on the charger at the end of each shift
- **Keep spares ready** — Always have at least one charged spare battery
- **Avoid extremes** — Don't leave batteries in very hot or cold areas
- **Store at 50%** — If storing a battery for a long time, keep it at about half charge
- **Replace when needed** — If a battery no longer lasts a full shift, it's time for a new one

5. Scanning

5.1 How to Scan

- 1

Point the scanner at the barcode
- 2

Press the **scan trigger** on the handle
- 3

Hold steady until you hear the beep
- 4

The scanned data appears on screen

Tip: Hold the scanner 6-8 inches from the barcode. Closer for small barcodes, farther for large ones.

5.2 Barcode Types

The K388 Pro reads all common barcode types:

- **1D barcodes** — Code 39, Code 128, UPC-A, UPC-E, EAN-8, EAN-13, ITF, CodaBar, Code 93
- **2D barcodes** — QR Code, PDF417, DataMatrix
- **OEM labels** — All automotive, powersports, and heavy-duty maker labels

No barcode? Type the part number by hand. The scanner prints a barcode label you can stick on the box. Next time, just scan it.

5.3 Scanning Tips

Problem	Fix
Won't scan	Try a different angle or distance. Clean the scan window if smudged.
Scans wrong data	Make sure you're scanning the right barcode — not the shipping label or bin tag.

Slow to scan	Hold steady. Avoid scanning through plastic wrap if you can.
Damaged barcode	Type the part number by hand instead.

6. Daily Use

6.1 Start of Shift

- Check battery level — charge or swap if under 20%
- Check label supply — load a new roll if low
- Make sure Wi-Fi is connected (look for the Wi-Fi icon in the status bar)
- Log into ScanIt Parts
- Run a test print if you loaded new labels

6.2 End of Shift

- Log out of ScanIt Parts
- Put the scanner on the charger or swap in a charging battery
- Put spare batteries in the 4-slot charger
- Store the scanner in a safe, dry spot

6.3 Cleaning & Care

Scan Window

Wipe the scan window with a soft, dry cloth. If dirty, use a slightly damp cloth. Don't use chemicals or rough materials.

Print Head

Clean the print head if labels look faded or streaky:

- 1 Open the label compartment
- 2 Gently wipe the print head with a print head cleaning pen or isopropyl alcohol on a cotton swab
- 3 Let it dry fully before closing

Important: Don't touch the print head with your fingers. Oil from your skin can damage it. Always use a cleaning pen or swab.

Body

Wipe down the scanner body with a damp cloth. Don't submerge in water.

7. Troubleshooting

Problem	Fix
Won't turn on	Charge for at least 10 minutes. Check the battery is seated. Try a different (charged) battery. Hold the power button for 30 seconds — Urovo's documented hold time — then allow up to two minutes for the boot to finish. (Ten seconds is often too short, which makes a working scanner look dead.)
Keeps rebooting (boot loop)	Powers on, shows the boot animation, restarts, repeats. See the recovery steps below the table — and let it cycle : it often restarts two or three times before settling.
Won't connect to Wi-Fi	Check password. Move closer to the router. Restart the scanner. Try 2.4 GHz if 5 GHz won't connect.
Labels won't print	Check label supply. Run calibration. Clean print head. Restart the app.
Labels print blank	Labels may be loaded upside down. Reload with the black marks facing down. Reloading is enough — the scanner recalibrates itself on load.
Labels print off-center	Run calibration. Make sure the label roll is seated straight in the compartment.
Faded print	Clean the print head. Try a fresh label roll (old rolls can fade). Check print darkness in settings.
Scanner won't read barcode	Clean the scan window. Try a different distance (6-8 inches). Try a different angle. Type the part# by hand.
Battery drains fast	Turn off Bluetooth and NFC if not using them. Lower screen brightness. Replace the battery if it's old.
App crashes or freezes	Force close the app and reopen. If it keeps happening, restart the scanner. Contact IPS support if it continues.
Can't install app	Make sure "Install from unknown sources" is allowed. Check that you have enough storage space.
Hot-swap failed (scanner turned off)	You took too long to swap. Power on, log back in — your work is saved on the server.

7.1 Recovering a Scanner Stuck in a Boot Loop

A boot loop is when the scanner powers on, shows the boot animation, then restarts — over and over, never reaching ScanIt Parts. It is usually recoverable at the parts counter and does not automatically mean the scanner needs service.

Let it finish. A K388 coming out of a boot loop will often restart itself **two or three times** before it settles and boots normally. That looks like the fix failed — it has not. Pulling the battery again mid-recovery is what keeps people stuck.

Step 1 — Charge it first. Put the scanner on a wall charger for at least 10 minutes. A deeply discharged battery causes this on its own. Check the charging contacts and the USB port for lint or dust.

Step 2 — Pull the battery and wait 30 seconds. Remove the battery completely and leave it out for a full 30 seconds.

Step 3 — Hold Power for 30 seconds with the battery still out. Nothing will light up; that is expected. This bleeds off residual charge held inside the scanner so it starts from a genuinely cold state.

Step 4 — Reinsert the battery and power on. Press Power and give it at least 30 seconds. Urovo allows up to two minutes for a boot to complete, so do not judge it early.

Step 5 — Let it cycle. Leave the scanner alone until it reaches the home screen or clearly stops changing.

A scanner that loops while sitting on the charger usually means a failing battery, not a failing scanner. Swapping in a known-good charged battery from another K388 is the fastest way to tell the two apart. Urovo lists "replace the battery with a new one" as a standard step for this.

Do not factory-reset the scanner to escape a boot loop unless IPS support walks you through it. A reset wipes ScanIt Parts and its configuration, and the scanner has to be set up again from scratch.

Where these steps come from. Charging first, reseating the battery, the 30-second power hold, the two-minute boot wait and "replace the battery" are Urovo's own documented boot troubleshooting. The battery-out 30-second hold, and the "it restarts two or three times before settling" behaviour, come from a dealer who recovered a K388 this way in August 2026 after finding it on the USB charger cycling endlessly —

standard practice for rugged Android handhelds, but field-proven rather than manufacturer-documented.

Still stuck? Contact IPS support at 810-695-9332 or support@scanitparts.com. You can also open a support ticket from the ScanIt Parts dashboard (sip.ipsdev.com).

8. Full Specifications

Category	Spec	Details
Display & Processing	Screen Size	5.5" TFT color touchscreen
	Resolution	720 x 1440 pixels
	CPU	Octa-core 2.4 GHz
	RAM	4 GB
	Storage	64 GB
	OS	Android 14
	Cameras	13 MP rear + 5 MP front
Printer	Method	Thermal direct
	Resolution	203 DPI
	Speed	Up to 120 mm/s
	Label Width	38-58 mm
Scanner	Type	1D / 2D barcode imager
	Formats	Code 39/128/93, UPC, EAN, QR, PDF417, DataMatrix, ITF, CodaBar
Connectivity	Wi-Fi	Wi-Fi 6E (802.11 a/b/g/n/ac/ax), 2x2 MU-MIMO
	Bluetooth	5.3
	NFC	Yes
	USB	USB-C
Battery	Capacity	3000 mAh (32.4 Wh)
	Runtime	18-20 hours

Hot-Swap	Yes	
Charging	USB-C or 4-slot cradle	
Durability	Drop	1.5 m (5 ft) to concrete
	Operating Temp	-20°C to +60°C (-4°F to 140°F)
	Storage Temp	-40°C to +70°C (-40°F to 158°F)
	ESD	±15 kV air, ±8 kV contact
Physical	Weight	800 g (1.76 lbs)
	Dimensions	185 x 85 x 137 mm (7.3 x 3.3 x 5.4 in)

ScanIt Parts

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