

Miovision Scout Tune-up Checklist

Complete the Tune-Up checklist to make sure your Miovision Scout® fleet is operational and ready for deployment this count season. If a unit does not meet all listed criteria, or if you have questions, please contact Customer Support at support@miovision.com

Firmware

- Check firmware to ensure your Scout is running the latest firmware version. If required, update the Scout firmware.

Camera & Pole Mount

SCA _____ SPM _____

- Camera shroud (check for wear or cracking)
- Camera connector (no exposed wires; pins are straight)
- Camera lens clear
- Camera mount (check for wear)
- Pole Mount extends fully
- Pole Mount retracts fully
- Levers are snug
- Pole Mount maintains extension when levers depressed
- Mast collars in good condition (no cracks)
- Mast sections in good condition (no tearing or cracks)
- Bracket pads in good condition (not cracked or missing)
- Mast can has lid (bottom of mast)
- Mast can lid secured by 4 screws

Scout VCU (Control Box) SCU _____

- Case in good condition (no cracks or holes) Bracket in good condition (not pulled away, dented, etc.)
- Hinges/handle/door clasps have pins and function
- Video and power ports in good condition (not damaged/pulled away from case)
- Dust caps for both video and power port
- Faceplate in good condition (no cracks in screen or plastic)
- SD Bumpers installed
- SD slots work as expected (cards click into place)

Security Accessories

- 4x Padlock (+keys)
- 2x Ratchet Strap
- 1x Torx Driver

Coil Cable (Pole Mount)

- Camera connector in good condition (no exposed wires; connector parts are tightened)
- Cable in good condition (not tangled/stretched, no nicks or breaks in insulation)
- VCU connector (pins straight, threading not stripped, connector not broken/cracked)

Under the Hood (VCU)

- Scout Boots in ~1 minute
- SCU ID on case matches SCU ID in software
- Date, time, and timezone are set correctly
- Camera check (must connect a camera)
- Batteries in good condition (no corrosion, bulging)
- Perform a battery capacity test

Power Pack Serial Number: _____

- Batteries in good condition (no corrosion, bulging)
- Fuses on PCB intact
- Recognized by VCU when connected (External battery is shown here: Hardware > Battery Check)

Miovision Scout Replacement Parts

Miovision® recommends that you have spare parts, such as the Pole Mount Repair Kit, on hand for each traffic count season. Use this list to keep track of the replacement and spare parts that will keep your Scout working for you in the field.

To order the parts you need, contact Customer Support at support@miovision.com or order **online**.

Item #	Description
31-00051-101	Scout Pole Mount: Includes the extendable Pole Mount
31-00039-103	Scout Camera: Includes camera shroud, and insert mount assembly
46-00007-2	Scout Camera Shroud: Rubber shroud
73-00001-13	16GB SD Card: Industrial-rated SD card to record video
43-00012-3	Scout Ratchet Strap: For mounting the Scout Pole Mount. Note: Padlock is required to secure the strap.
01-00001-3	Torx Security Key: Torx tool for tightening sections of the Pole Mount mast.
43-00005-3	Padlock: Can be used for the Scout VCU Control Unit, Power Pack, or Ratchet Straps
75-00001-1	Scout Charger, Universal: Charger for the Scout VCU and Power Pack
31-00042-101	Faceplate: Includes the internal circuit board, LCD screen, and black plastic cover.
21-00034-2	Scout Video Coil Cable: Includes the internal Pole Mount coil cable for the Miovision standard video and ALPR video cameras.
21-00020-1	Power Pack to VCU Cable: 21" (53.3 cm) cable required to connect the Power Pack to the Scout VCU.
31-00021-101	Pole Mount Repair Kit: Includes nuts/bolts that can wear over time.
31-00020-101	Pole Mount Field Fix: Includes new Camera Insert Mount, Base Can Extension and Field Fix Instructions. Note: May be required for aging Pole Mounts purchased before March 2014.
31-00037-101	Pole Mount Field Fix (Insert Mount Only): Includes new Camera Insert Mount and replacement instructions.
70-00001-1	Battery, 12V, 9Ah, F2 terminal, SLA: Includes one (1) battery for the Scout VCU. Note: Scout requires two (2) batteries.
70-00001-2	Battery, 12V, 14Ah, F2 terminal, SLA: Includes one (1) battery for the Scout VCU. Note: Scout requires two (2) batteries.
31-00053-101	Scout Power Pack: Includes one (1) battery for the Scout Power Pack. Note: The Power Pack requires four (4) batteries.
23-00013-1	Dust Cap: Aluminum Dust Cap to cover the Scout VCU power input and camera output.