

# Lux UV Ninja FAQ's



1. What is Lux?
  - Lux is an autonomous UV-C disinfecting robot, known as a UVNinja.
2. What do I get?
  - You get Lux, the Disinfecting Robot
  - A Charging station for both the robot battery and the UV system battery
  - A day of programming at your facility
3. Why is Lux a good investment?
  - Consider the direct, yearly cost of your current cleaning and disinfecting system.
    - a. Depending on the company size, this cost can easily exceed the cost of purchasing Lux.
  - Consider the direct, yearly cost of the lost productivity from sick workers.
  - Consider the indirect cost of the chemicals, PPE and waste generated by traditional methods.
    - a. Lux is 100% electric and doesn't generate any waste products.
  - Consider the efficacy of traditional cleaning methods.
    - a. Can you be sure your system of disinfecting includes every door handle? We can.
  - What cost can you put on piece-of-mind knowing your gathering areas are disinfected?
4. What is the annual maintenance cost for Lux?
  - The bulbs last 8000 hrs and cost approx. \$55.00 each.
  - The robot casters should be replaced yearly or as wear dictates at approx. \$500.00/set of 4 casters.
  - The robot drive wheels should be replaced when sufficiently worn at a cost of approx. \$200.00 each.
  - The robot battery is good for 10,000 charge cycles and costs approx. \$2,500.00.
  - The 2 UV light batteries are good for 10,000 charge cycles and costs approx. \$2,800.00 each.
5. What does maintenance on the system look like?

Weekly Maintenance	
Part	Task
Cover	Clean with a damp cloth
Laser Scanner	Clean with a damp cloth
Casters	Clean with a damp cloth and make sure nothing is tangled in the wheels
Drive Wheels	Clean with a damp cloth and make sure nothing is tangled in the wheels

Periodic Maintenance			
Inspect	Maintenance	Interval	Replace
Cover	Check for damage	Monthly	As needed
Casters	Check bearing & tightness	Weekly	Yearly or if Worn
Drive Wheels	Check for wear	Bi-Yearly	As needed
Scanners	Check for defects & scratches	Monthly	As needed
E-Stop	Check for operation	Every 3-4 Months	As needed
3D Cameras	Check for defects & scratches	Monthly	As needed
Brake Release	Check for proper operation	Monthly	As needed
Cabling	Check connections	Bi-Yearly	As needed
Bulbs	None	Lasts 8000 hrs in operation	As needed
Robot Battery	None	Lasts 10000 charge cycles	As needed
UV Light Battery	None	Lasts 10000 charge cycles	As needed

6. Is Lux safe?
  - If used as intended, Lux is completely safe. Sensors on the robot allow it to move about in its mapped space without bumping into any objects. And sensors on the robot and in the UV light module will turn off the UV lights and suspend the disinfecting program if motion is detected.
7. How many UVNinjas do I need?
  - Lux can disinfect for 8 hours (480 minutes) and travel 5 miles per charge.
  - Decide how many disinfection stops are needed in each session.
  - Multiple this by the desired disinfection minutes/stop.
  - Add in the estimated travel time between stops, and to & from the charger.
  - These minutes combined will be the total time Lux will need to run during each session.
  - If this is less than 480 minutes, only 1 Lux will be needed based on disinfection time.
  - Now determine the total distance that Lux must travel to and from the charger and between all disinfection stops.
  - If this is less than 5 miles, only 1 Lux will be needed based on disinfection distance.
  - Additional battery chargers can be implemented if desired.
8. There are other UV disinfecting devices on the market, why is Lux superior to others?
  - Lux is real, not theoretical or under R&D.
  - Lux is not industry-specific. Lux can disinfect Schools, Offices, Hotels, Manufacturing Plants, Malls & Groceries, Government Buildings, Gyms, etc. Anywhere people gather indoors.
  - Lux technology is tested and proven, it was not just created or theoretical.
  - Once it is set up, Lux can perform disinfection missions completely autonomously. Others require human intervention to perform disinfection missions.
  - Lux has industry-leading battery life and re-charge time. It significantly exceeds others on the market.
9. How quickly can I get one?
  - Depending on current stock on hand and supply chain delivery, we can deploy Lux in your facility in as little 3 days but generally no longer than 2 – 6 weeks.
10. How do I get started?
  - If you'd like to see a demo of Lux, we can arrange a demo at the AutoBio Reduction facility in Indianapolis.
  - We would be happy to host a zoom-type meeting to show a live demo or share videos or other information as necessary to demonstrate system capability.