

Questions about the XT45 Series? Review the commonly asked questions and answers for the XT45 series.

Question	Answer
Does the device require an external antenna to be connected and installed?	No, the device has an internal antenna powerful enough to receive/send GPS and cellular data within 99.9% of all vehicle installations.
Is there a backup battery for the device? If so, what is the estimated life of the battery?	Yes, it includes a backup battery with a limited lifespan that can vary based on configuration.
How is this device configured?	<p>Default configurations include location and data* updates when the following occurs:</p> <ul style="list-style-type: none"> · Ignition On/Off with reporting every 1 minute while Ignition On · Interval updates while ignition on when heading change is >45* · Every 12 hours while Ignition Off · When the device is disconnected from power · When the device's internal battery is critically low · When input 2 transitions from low to high or vice versa <p>*data reported can include the following:</p> <ul style="list-style-type: none"> · Max speed, instantaneous speed, miles driven, GPS odometer, and external battery voltage
Does the device collect diagnostics? If so, provide a list of available diagnostics.	No, the device does not collect or report vehicle diagnostic data.
Are there different diagnostic cables required?	No, diagnostic cables do not apply to this device.
How is the device installed? What installation steps are taken to conceal the device or prevent tampering?	The device should be installed per the installation guide .
What carriers are supported for the device?	<ul style="list-style-type: none"> · AT&T 4G/LTE (CAT-M) with 3G fallback: <ul style="list-style-type: none"> - Coverage includes North America (USA, Canada, & Mexico) · Verizon 4G/LTE (CAT-M): <ul style="list-style-type: none"> - Coverage includes USA & Canada
Does the device support accessory features?	Currently, the device only supports one input as an added accessory feature.
Can specific data collected by the device (e.g., DTCs) be prioritized over other types of data collected by the device in case of low connection?	No, not at this time. If the device is unable to connect or maintains low cellular connectivity, the device will store all data and send once connection strength has been restored.

Question	Answer
How many points are stored by the device in case cellular/satellite connection is lost?	2,000
Is there an option for switching from cellular to satellite-based on connectivity availability? For example: If a device operating on cellular connectivity enters an area where cellular is unavailable, will the device automatically switch to operating on satellite connectivity to keep data transmitting in real-time?	No, there's currently no similar option for this device type.
Describe the device's encryption technology.	Currently, this device does not use encryption technology by default.
What are the available ping rates for the device?	Update rates can be varied, between trip-based or ping-based. · Trip-based: 1-minute updates by default, with options for increased granularity if needed
Is it IP-rated?	Yes, IP67.
Can this device be installed in a non-powered asset?	Since the device battery is limited in its capabilities the primary positioning of this device should be for powered assets only, specifically to help recharge the internal battery and limit its overall use. If an opportunity presents itself where this device is requested/required for a non-powered asset installation then work with Product for approval.

LED Lights

LED	Blink Pattern	Status
Green	Off	GPS Off
Green	Solid	GPS Not Locked
Green	1 Hz Blink	GPS Locked
Blue	Off	Cellular Off
Blue	2 Hz Blink	Cellular Searching for Registration
Blue	1 Hz Blink	Cellular Registered

Link: <https://help.gpsinsight.com/troubleshooting/xt45-faq/> Last Updated: January 27th, 2025