

KP2 Firmware 1.3.0

Release Notes

These Release Notes contain supplemental information about firmware 1.3.0 for the KP2 AI dashcam product.

Change	What Is It?	Customer Benefits	Enablement Instructions
Current Device Storage Capacity New Feature	In conjunction with SmartAPI, KP2 will report its current onboard device storage capacity (SmartAPI release slated for late June)	Storage capacity visibility	Partners can consume this information via the GetDevice call. The Storage property will populate with the current SD card size. This value cannot be updated via the UpdateDevice API. For details on where to find device storage capacity information in the Workstation, please reference the SmartAPI June Release Notes
Wi-Fi Settings Encryption New Feature	Wi-Fi SSID and password encryption	Greater device security	Configuration required. Go to Connectivity and select Encrypt Wi-Fi
Tracking KP2-OBDDII-DATA Cable Firmware Version New Feature	KP2 firmware initialized messages will include the KP2-OBDDII-DATA cable firmware version. SmartAPI will parse this information for partners in future releases	Cable firmware version logging	Development teams must parse firmware initialized messages for the KP2-OBDDII-DATA FW field. This info can be found in platform message logs once SmartAPI development is completed
KP2-OBDDII-DATA Cable Audio Feedback Error Improvement	Previously, KP2-OBDDII-DATA cable errors would only flash KP2's red LED. Now, audio alerts drivers in the cabin	More noticeable error handling	No action needed

<p>Enhancement of Ignition On/Off</p> <p>Improvement</p>	<p>KP2 now has specific ignition on and off conditions based on cable settings in the device's configuration file</p>	<p>More proven ignition logic</p>	<p>No action needed. We recommend all customers ensure Device > Power Connection > Type accurately represents how power is delivered to KP2</p>
<p>Improved Ignition Rules for Ignition Off Filter</p> <p>Improvement</p>	<p>Improved rules ensure ignition-off events trigger when the vehicle has stopped</p>	<p>Better ignition off filtering</p>	<p>No action needed</p>
<p>Event Sound Errors</p> <p>Fix</p>	<p>KP2 inadvertently delivered audible driver feedback for events even though audio alerts were disabled</p>	<p>Prevents unnecessary audio from distracting drivers</p>	<p>No action needed</p>
<p>Application File Security Measures</p> <p>Fix</p>	<p>Security improvements offer KP2 firmware libraries more protection</p>	<p>Better security structures applied to internal libraries</p>	<p>No action needed</p>

Coordinating Releases

KP2 Configuration Tool 1.3.1.0, required for producing configuration files for KP2 firmware 1.3.0.

Troubleshooting and Getting Help

Email: smartwitness-support@sensata.com

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Frequently Asked Questions



1. Are there any prerequisites for this update?

KP2 firmware 1.3.0 may be installed on any KP2 device in the field. We recommend adopting this update. Ensure drivers with devices on the road are notified before any 1.3.0 firmware update initiation.

2. How does enhanced ignition logic improve my KP2 start-up time?

Ignition logic improvements are not connected to attack time. These changes deal with accurate power adapter identification and voltage detection. This helps eliminate false positive ignition events.

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