

## Diamond Knowledge Base

### Centurion Version History 1.47

- Major change to support Omega Passive IR - SA (Stand Alone) device. You can connect to, program, monitor, and control these counters as well as processing data posted to the Diamond Data Server ("V2I" formatted data).

Build #0001 10/31/2018	Interval Data Monitor and Parking Lot System now support "V2I" data. Importing data correctly imports the Site ID and other values that are stored in the "V2IS" records. Implemented update v0.65 Omega Passive IR detection code that fixes a variety of bugs with the Horizontal and fully supports Vertical definition fields. Added the "Restore Factory Defaults" button on the Omega Passive IR. Added setting the Serial # value for Omega Passive IR. Added displaying Time until next poll to the DDS Interval Data Monitor. Added total count display to the Passive IR Replay screen (both in normal view and when doing modified/override view). Changed the Parking Lot Monitor to also display when the next poll will occur. Added a FTPClient->Noop call every 30 seconds when nothing else is going on to make sure the FTP link stays active. TSProcess changes: Added to the Advanced settings a new Min and Max Vehicle Speed When a vehicle violates the new speed, it is now converted to a SnMis#0. Added programmable SnMis and Lane Mode timeout values in the advanced settings screen.
Build #0002 04/10/2018	Fixed bug in not doing Card C export with Length bins when ALL the lanes are length bins. Added Multiple Simultaneous Polling ability (up to 20 sites at the same time).
Build #0003 04/10/2018	Split the DDS menu into two: DDS-Files, DDS-Interval DDS-Files handles all the main counter uploads such as from the Phoenix II and Omega X3. DDS-Interval processes interval data as posted by counters like the Omega Passive IR-SA. Added several new functions to get data off of the DDS automatically when posted by Interval counters (like the Omega Passive IR-Stand Alone). Also, automatically imports the data it brings in (Except Centurion Field) and gives a separate menu item to import interval data. Added support for the "V2IS,2" Modem Configuration value (to record the current modem signal strength and MEID number). Now allows different Site ID's inside a single Interval Data File.

Build #0004 04/10/2018	<p>Fixed accidentally turning off the camera when making a SSET change. Added the Serial Port options for the Omega Passive IR. Added "Make New Default" buttons at the end of Min/Max Axle spacing on TSProcess. Added type of counter to Get New Data screen. Fixed a few bugs in the import of Interval Data. Added ability to set the modem firmware version, interval, and output file name of any device connected to Get New Data. Added ability to set second "Post to DDS" time on UPP V5.28 or later firmware (post is automatically 12 hours from first). Complete update to the DDS Files function to support the new DDS V2 File structure.</p> <p>This includes handling multiple users and dealing with imported vs non-imported data. Added new "Not Imported" tab on the DDS Files view to show files that have not been put into the database (local to each computer). fixed showing the end times on the process report when full day of data is reported.</p>
Build #0006 04/10/2018	<p>Added default to not use the independent volume data when found and importing Class or PerVehicle data. By default, this is "On", go into File -&gt; Preferences -&gt; Import and uncheck the box "Ignore Independent Vol Data" to reenable. Added ability to set the "Using Verizon SIM" bit on the Phoenix II Modem Configuration page (with V5.30). Added "Move RAM Files to MMC" option with V5.30 Phoenix II firmware. This option is only available when RAM files exist and when a MMC module is present. Major new feature to "Save Configuration" and "Load Configuration". This allows saving and loading counter configuration, only supports v4.00 and higher counters. Added a % to the display of writing Axle Bin Table to Counter. Omega Passive IR:</p> <p>Added support for "BAT" command/enquire to set and configure battery charger parameters. Added support for "MEM" command/enquire along with all the related functions for the SD Card \DATA, \DATA\RET, and \DATA\DDS file directories. This includes erase, retrieve, and viewing files. Added support for "WiFi" command/enquire to configure the wireless link system on the Omega Passive IR.</p>

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