***New Product Firmware release***

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| **Model Number(s):**   * AV02CID-200 * AV02CLD-200 * AV02CID-201 * AV2856DNIR-S * AV2856DNIR-F | | |  | **Date:**  8/24/2022 |
| **Firmware revision:**  65363 | | | | |
| **Software:**  AV IP Utility 3.1.24, Costar Utility 1.0.0.30 or greater | | | | |
| **Originator:**  Alireza Kavyani | | | | |
| **Key Features:**   * Innofusion NDAA chip * IntelliVision Video Analytics support for all above models except AV02CID-201. (Standard & Advance) * All Contera NDAA cameras will be shipped from the factory with a “Standard“ IVA license (except AV02CID-201) * ONVIF Profile M Support * Contera Micro Dome NDAA flush mount is now equipped with IR (AV2856DNIR-F) * Audio support has been removed from Contera Micro Dome NDAA models * “Shutter Speed“ feature is added to the FW. This is the industry standard “Customer Exposure mode“ setting. * 60 FPS support (LDR mode) * EAP-TLS version 1.2 support (SSL 1.1.1) * Full-Resolution Snapshot support * 10K video analytics event log records | | | | |
| **Updates to API Documents:**   * http://cam-ip/get?shutterspeed * http://cam-ip/set?shutterspeed=[value]   Values: 1/6, 1/8, 1/10, 1/15, 1/30, 1/50, 1/60, 1/100, 1/120, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000   * http://cam-ip/get?sd\_vaalarm * http://cam-ip/set?sd\_vaalarm=(on|off)   get/set?sd\_vaalarm=(on|off) enables and disables VA event for SD card recording | | | | |
| **Occurrence** | **Severity** | **Known Limitations or Bugs:**   * uDome cameras unable to stream in the latest exacqVision 22.06.4 with ONVIF driver until disabling/re-enable   We informed the exacqVision team about this issue and they will work on it after their Q3 release.  The current workarounds are:   * Disable and re-enable the camera after enrolling in exacqVision VMS * Downgrade the exacqVision server to 22.03 * Contera VMS recognizes uDome NDAA cameras as MegaLine products with “Auto Discovery“ or “Arecont Contera“ drivers (Contera server 2.4 & 2.5)   We reached out to the OE team to fix the issue and they are working on it. No ETA.   * Workaround: Use adding cameras “Manually add a camera“ and select “ONVIF“ driver (Protocol) * Zoom level configuration fails in exacqVision (AV Drivers) * Contera NDAA Motion Mask location does not relocate or disappear when the image is rotated or flipped * Line Crossing: Direction (Cosmetic issue: when rotated in 180 degrees A is located on the right side of the image and B is on the left side.) * SD Card: Manual Record (Cosmetic issue: default file name is incorrect) * Contera 2mp NDAA cameras will lose some right side pixels when rotated 90 or 270 degrees on the webpage (This is not easily reproducible and does not affect the H.264 or H.265 image) * Contera NDAA HTTP command set?image=0 reports a false value * Costar Utility: AV Camera Subnet Mask and Gateway Configuration Fails (this is for -200 models & Costar Utility 1.0.0.30) * Factory Reset - Image Setting Only will not reset all the settings needed (in Costar Utility 1.0.0.30) * Costar Utility may error and crash when updating firmware over VPN | | |
| **Additional Comments:**  This is the initial release of Contera Micro Dome NDAA models   * AV2856DNIR-S * AV2856DNIR-F   And sustaining FW release for the below models:   * AV02CID-200 * AV02CLD-200 * AV02CID-201 | | | | |