Technical Note: IPC Log Codes Supported

The Luma line of cameras and recorders has an extensive set of log codes. Most of these are supported by the recorders (though a few are included for forward-compatibility). A smaller set of codes is supporterd by IP cameras; all supported log codes are listed below.

Major Type: Alarm

Minor Type	Notes
Alarm Input	*Not supported by 300/500.*
Alarm Output	*Not supported by 300/500.*
Intrusion Detection Started	Does not include Pre Record.
Intrusion Detection Stopped	Does not include Post Record.
Line Crossing Detection Started	Does not include Pre Record.
Line Crossing Detection Stopped	Does not include Post Record.
Start Motion Detection	Does not include Pre Record.
Start Video Tampering	Does not include Post Record.
Stop Motion Detection	Does not include Pre Record.
Stop Video Tampering	Does not include Post Record.

Major Type: Exception

Minor Type	Notes
HDD Error	Shown when a connected NAS goes offline.
HDD Full	This triggers when the camera is recording on a NAS that becomes full and overwrite is not enabled.
Illegal Login	Someone attempted to log in, either through the web interface or the NVR settings, using an invalid username or password.
IP Address Conflicted	Another device on the network has the same IP as the camera.
Network Disconnected	The camera lost network connectivity but remained powered.

Major Type: Information

Luma IP cameras do not support any of the information log triggers; they are designed for recorder use.

Major Type: Operation

Minor Type	Notes
Local: Abnormal Shutdown	Powered off without a reboot command issued (PoE disconnect, e.g.).
Power On	
Remote: Alarm Arming	The camera enables the alarm to trigger an NVR acton.
Remote: Alarm Disarming	The camera disallows the alarm to trigger an NVR acton.
Remote: Configure Parameters	Performed through the camera's web interface. Changes made through OvrC are not logged.
Remote: Export Config File	Performed through the camera's web interface. Changes made through OvrC are not logged.
Remote: Get Parameters	Camera queried. This does create many events when a browser or remote host IP is accessing the camera.
Remote: Get Working Status	Camera queried. This does create many events when a browser or remote host IP is accessing the camera.
Remote: Import Config File	Performed through the camera's web interface. Changes made through OvrC are not logged.
Remote: Login	This captures logins through the NVR; web interface logins are not captured.
Remote: Logout	This captures logouts through the NVR; web interface logouts are not captured.
Remote: Playback by File	Video playback initiated by event download.
Remote: Playback by Time	Video playback initiated by time search or timeline.
Remote: PTZ Control	Accessed via camera web interface or mobile app. This also erroneously logs an event when initially accessing Live View in the web interface.
Remote: Reboot	Initiated via camera web interface, NVR command, or OvrC.
Remote: Upgrade	Performed through the camera's web interface. Changes made through OvrC are not logged.
Start Two-way Audio	Audio output to camera started by camera web interface or mobile app.
Stop Two-way Audio	Audio output to camera stopped by camera web interface or mobile app.

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