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SYSTIMAX® imVision® Controller X Open Source Software (OSS) Catalog

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binutils	2.25.1	gpl-3.0	
bridge-utils	1.5	gpl-2.0	
busybox	1.25.0	gpl-2.0	
curl	7.50.1	curl	
cyassl	2.9.4	gpl-2.0	
dropbear	2016.74	dropbear	
e2fsprogs (all except ext2fs and e2p libraries)	1.43.1	gpl-2.0	
e2fsprogs (ext2fs and e2p libraries)	1.43.1	lgpl-2.0	
ethtool	4.6	gpl-2.0	
eudev	3.2	gpl-2.0	
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glibc	2.22	lgpl-2.1	
gperf	3.0.4	gpl-3.0	
grep	2.25	gpl-3.0	
hammer.js	2.0.8	mit	
HTML Virtual Keyboard Interface Script	1.48	bsd-2-clause	
ifplugd	0.28	gpl-2.0	
iperf	3.1.3	iperf	
ipsec-tools	0.8.0	bsd-3-clause	October 20, 2017
iptables	1.6.0	gpl-2.0	
iScroll.js	5.2.0	mit	
jQuery	1.5.1	mit	
jQuery	1.6.2	mit	
jQuery	1.7.1	mit	
jQuery Blink		mit	
jQuery Form Plugin	2.0.1	mit	
jQuery Grid	4.1.1	mit	
jQuery iButton Plug-In	1.0.01	apache-2.0	
jQuery MegaMenu Plugin		mit	
jQuery Progress Bar	1.8.16	mit	
jQuery UI	1.8.2, 1.8.11 and 1.8.12	mit	
jQuery UI Slider	1.8.16	mit	
jQuery UI Virtual Keyboard	1.8.2	mit	June 20, 2017
jQuery UI Virtual Keyboard Typing Simulator	1.2	mit	
jQuery.hammer.js	2.0.0	mit	
JSON for Modern C++	3.6.1	mit	May 20, 2019
JSON Tree library	0.6.0	mit	July 18, 2019
kmod	23	lgpl-2.1	
lftp	4.7.3	gpl-3.0	
libblkid (from util-linux source package)	2.28	lgpl-2.1	

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libjpeg-turbo	1.4.2	ijg-jpeg	
liblockfile	1.09-6 (debian)	lgpl-2.1	
libpng	1.6.23	libpng	
libusb	1.0.19	lgpl-2.1	
libuuid (from util-linux source package)	2.28	bsd-3-clause	
libxml2	2.9.4	mit	
lighttpd	1.4.41	lighttpd	
Linux Kernel	4.4.19	gpl-2.0	March 5, 2018
lockfile-progs	0.1.17	gpl-2.0	
mtd-utils	1.5.2	gpl-2.0	July 14, 2017
ncurses	5.9	ncurses	
ntfs-3g (applications)	2016.2.22	gpl-2.0	
ntfs-3g (libraries)	2016.2.22	lgpl-2.0	
openssl	1.0.2h	openssl-ssleay	
pcre	8.39	bsd-3-clause	
php	7.0.9	PHP	
Qt	4.8.6	lgpl-2.1 with Qt LGPL exception	March 30, 2018
readline	6.3	gpl-3.0	
restclient	0.5.0	mit	
RSA Data Security, Inc. MD5 Message-Digest Algorithm		md5	May 19, 2017
sntpdate	20030425	gpl-3.0	
tftp-hpa	5.2	bsd-3-clause	
tiff	4.0.6	tiff	
tslib	1.11	lgpl-2.1	October 20, 2017
uboot	v2017.03	gpl-2.0	December 18, 2017
Web Socket Server (libwebsockets)	1.3	lgpl-2.1 with Libwebsockets LGPL exception	November 6, 2017
WenQuanYi Zen Hei Font	0.9.47	gpl-2.0	
zlib	1.2.8	zlib	

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atomicio.h
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curve25519-donna:

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*
* curve25519-donna: Curve25519 elliptic curve, public key function
*
* http://code.google.com/p/curve25519-donna/
*
* Adam Langley <agl@imperialviolet.org>
*
* Derived from public domain C code by Daniel J. Bernstein <djb@cr.yp.to>
*
* More information about curve25519 can be found here
* http://cr.yp.to/ecdh.html
*
* djb's sample implementation of curve25519 is written in a special assembly
* language called qhasm and uses the floating point registers.
*
* This is, almost, a clean room reimplementaion from the curve25519 paper. It
* uses many of the tricks described therein. Only the crecip function is taken
* from the sample implementation.
*/

```

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```
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```

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```
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Version 2.1, February 1999

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```
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```

lighttpd

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Mark Adler
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Changes to Open Source Software

Component	Change Description
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Component	Change Description
ipsec-tools version 0.8.0	October 20, 2017 - Minor build script changes for custom build environment.
jQuery UI Virtual Keyboard version 1.8.2	June 20, 2017 - Modified keyboard layouts for improved Asian language support. Added IP address entry keypads for IPv4 and IPv6. Added calls to custom application to enable beeps on keypresses.
JSON for Modern C++ version 3.6.1	May 20, 2019 - Ignore some internal keys with an underscore.
JSON Tree library version 0.6.0	July 18, 2019 - Modified CSS styles for smaller tree views.
Linux Kernel version 4.4.19	March 5, 2018 - Configured Linux for support for the imVision Controller X base's custom hardware and flash layout. Modified 8250 serial driver, timer and work queue for imVision RS485 protocol support. Modified I2C driver for multi-master support of customer imVision protocol. Support 3 independent communications channels for the panel bus I2C.
Linux Kernel version 4.4.19	March 5, 2018 - Configured Linux for support of the imVision Controller X display's custom hardware and flash layout. Added custom boot splash images. Enabled auto-calibration in ft5x06 driver. Made the LCD vback_porch offset variable depending on a factory-programmable system variable.
mtd-utils version 1.5.2	July 14, 2017 - Modified ubinize code to skip some non-UBI sections in ubinize.cfg file.
Qt version 4.8.6	March 30, 2018 - Display web pages without menus and borders. Added method of connecting to the imVision application. Enabled touch screen. Inverted display. Updated Qt configuration to support Freetype font instead of qpf font. Fixed display offset issue. Added support for php-cgi and lighttpd. Monitor touch events in Qt and send touch messages from Qt to an imVision application when the backlight is off. Fixed a Chinese character display issue.
RSA Data Security, Inc. MD5 Message-Digest Algorithm	May 19, 2017 - Modified MD5 library for portability to x86-64 build hosts.
tslib version 1.11	October 20, 2017 - Add custom touch screen verification program. Enable auto-calibration feature in ft5x06 driver.
uboot version v2017.03	December 18, 2017 - Changed the uboot code to support the imVision Controller X hardware. Support battery backup of the real-time clock. Add additional memory tests. Support customer flash layout and flash verification.
Web Socket Server (libwebsockets) version 1.3	November 6, 2017 - Add debug log and support debug log level. Handshake protocol changes to support Qt and webbrowser.
Web Socket Server (libwebsockets) version 1.3	March 18, 2019 - Resolve compiler warnings.

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