

Vertiv™ Avocent® IPUHD 4K IP KVM Device

Open Source Software Notice

AUGUST 2023

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1. Overview

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Vertiv™ Avocent® IPUHD 4K IP KVM Device Licenses and Components

| LICENSE | COMPONENTS | | | |
|------------|-------------------------|----------------------------------|--|---|
| AFL-2.1 | dbus | | | |
| | dbus-lib | | | |
| Apache-2.0 | clear-once | phosphor-debug-collector-monitor | phosphor-logging | phosphor-state-manager-discover |
| | dbus-broker | phosphor-debug-collector-scripts | phosphor-logging-base | phosphor-state-manager-host |
| | dbus-perms | phosphor-fan-control | phosphor-mapper | phosphor-state-manager-host-check |
| | ffdc | phosphor-fan-monitor | phosphor-network | phosphor-state-manager-obmc-targets |
| | first-boot-set-hostname | phosphor-fan-presence-tach | phosphor-rsyslog-config | phosphor-state-manager-reset-sensor-states |
| | gpioplus | phosphor-health-monitor | phosphor-sel-logger | phosphor-state-manager-systemd-target-monitor |
| | libmapper | phosphor-hwmon | phosphor-settings-manager | phosphor-systemd-policy |
| | obmc-console | phosphor-image-signing | phosphor-snmp | phosphor-time-manager |
| | obmc-phosphor-power | phosphor-inventory-manager | phosphor-software-manager-download-mgr | phosphor-user-manager |

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| Apache-2.0 (continued) | phosphor-certificate-manager | phosphor-ldap | phosphor-software-manager-updater | sdbusplus |
| | phosphor-dbus-interfaces | phosphor-led-manager-faultmonitor | phosphor-software-manager-version | sdeventplus |
| | phosphor-dbus-monitor | phosphor-led-manager-ledmanager | phosphor-state-manager-bmc | slpd-lite |
| | phosphor-debug-collector-dreport | phosphor-led-sysfs | phosphor-state-manager-chassis | stdplus |
| | vertiv-dbus-interfaces | | | |
| BSD | arm-trusted-firmware | | | |
| | redis | | | |
| | xilinx-bootbin | | | |
| BSD & MIT | net-snmp | net-snmp-lib-agent | net-snmp-lib-mibs | net-snmp-libs |
| | net-snmp-client | net-snmp-lib-helpers | net-snmp-lib-netsnmp | net-snmp-mibs |
| BSD Artistic-1.0 | shadow | | | |
| | shadow-base | | | |
| BSD GPLv2 | libcap | | | |
| BSD-1-Clause | libwrap | | | |
| BSD-2-Clause | linenoise | lua-resty-http | lua-resty-random | openresty |
| BSD-3-Clause | libpcre | libtirpc | miniupnpd | rpcbind |
| | util-linux-libuuid | | | |
| BSL-1.0 & MIT & Python-2.0 | boost-context | boost-coroutine | boost-thread | |
| CLOSED + Xilinx IP | external-hdf | | | |
| GPL-2.0 | ndisc6 | | | |
| GPL-2.0+ | stm32flash | | | |
| GPL-2.0+ & LGPL-2.1+ | kmod | | | |
| GPL-3.0-with-GCC-exception | libgcc | libstdc++ | | |
| GPLv2 | base-files | kernel-module-g-edm-kbdmouse-5.4.0-xilinx-v2020.1 | kernel-module-mwifiex-5.4.0-xilinx-v2020.1 | kernel-module-u-ether-5.4.0-xilinx-v2020.1 |

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| GPLv2 (continued) | base-passwd | kernel-module-g-edm-mass-storage-5.4.0-xilinx-v2020.1 | kernel-module-mwifiex-sdio-5.4.0-xilinx-v2020.1 | kernel-module-usb-f-ecm-5.4.0-xilinx-v2020.1 |
| | bridge-utils | kernel-module-g-ether-5.4.0-xilinx-v2020.1 | kernel-module-nf-contrack-5.4.0-xilinx-v2020.1 | kernel-module-usb-f-ecm-subset-5.4.0-xilinx-v2020.1 |
| | e2fsprogs-e2fsck | kernel-module-libcomposite-5.4.0-xilinx-v2020.1 | kernel-module-nf-defrag-ipv4-5.4.0-xilinx-v2020.1 | kernel-module-usb-f-rndis-5.4.0-xilinx-v2020.1 |
| | kernel-base | kernel-module-libcrc32c-5.4.0-xilinx-v2020.1 | kernel-module-nf-defrag-ipv6-5.4.0-xilinx-v2020.1 | kernel-module-video-analyzer-5.4.0-xilinx-v2020.1 |
| | kernel-module-video-capture-5.4.0-xilinx-v2020.1 | kernel-module-video-decompressor-5.4.0-xilinx-v2020.1 | kernel-module-xt-contrack-5.4.0-xilinx-v2020.1 | logrotate |
| | kernel-module-video-command-buffer-5.4.0-xilinx-v2020.1 | kernel-module-video-scaler-5.4.0-xilinx-v2020.1 | kernel-module-xt-state-5.4.0-xilinx-v2020.1 | netbase |
| | kernel-module-video-compressor-5.4.0-xilinx-v2020.1 | kernel-module-video-transcode-5.4.0-xilinx-v2020.1 | linux-xlnx | rng-tools |
| GPLv2 & bzip2-1.0.4 | busybox | busybox-udhcpc | | |
| GPLv2 & LGPLv2 | fuse | fuse-utils | liblockmgr | |
| GPLv2 & LGPLv2 & BSD & MIT | libcomerr | libe2p | libext2fs | |
| GPLv2 & LGPLv2.1 | glibc | libsystemd | systemd | systemd-udev-rules |
| | libimobiledevice | libudev | systemd-extra-utils | udev |
| | libplist | nscd | | |
| GPLv2+ | ethtool | iptables-module-ip6t-frag | iptables-module-ip6t-netmap | iptables-module-ipt-clusterip |
| | i2c-tools | iptables-module-ip6t-hbh | iptables-module-ip6t-redirect | iptables-module-ipt-dnat |
| | iptables | iptables-module-ip6t-hl | iptables-module-ip6t-reject | iptables-module-ipt-ecn |
| | iptables-module-ip6t-ah | iptables-module-ip6t-icmp6 | iptables-module-ip6t-rt | iptables-module-ipt-icmp |
| | iptables-module-ip6t-dnat | iptables-module-ip6t-ipv6header | iptables-module-ip6t-snat | iptables-module-ipt-log |
| | iptables-module-ip6t-dnpt | iptables-module-ip6t-log | iptables-module-ip6t-snpt | iptables-module-ipt-masquerade |
| | iptables-module-ip6t-dst | iptables-module-ip6t-masquerade | iptables-module-ip6t-srh | iptables-module-ipt-netmap |
| | iptables-module-ip6t-eui64 | iptables-module-ip6t-mh | iptables-module-ipt-ah | iptables-module-ipt-realm |
| iptables-module-ipt-redirect | iptables-module-ipt-uloop | iptables-module-xt-bpf | iptables-module-xt-cluster | |

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| GPLv2+ (continued) | iptables-module-ipt-reject | iptables-modules | iptables-module-xt-cgroup | iptables-module-xt-comment |
| | iptables-module-ipt-snat | iptables-module-xt-addrtype | iptables-module-xt-checksum | iptables-module-xt-connbytes |
| | iptables-module-ipt-ttl | iptables-module-xt-audit | iptables-module-xt-classify | iptables-module-xt-connlimit |
| | iptables-module-xt-connmark | iptables-module-xt-hashlimit | iptables-module-xt-mac | iptables-module-xt-policy |
| | iptables-module-xt-connsecmark | iptables-module-xt-helper | iptables-module-xt-mark | iptables-module-xt-quota |
| | iptables-module-xt-conntrack | iptables-module-xt-hmark | iptables-module-xt-multiport | iptables-module-xt-rateest |
| | iptables-module-xt-cpu | iptables-module-xt-idletimer | iptables-module-xt-nfacct | iptables-module-xt-recent |
| | iptables-module-xt-ct | iptables-module-xt-ipcomp | iptables-module-xt-nflog | iptables-module-xt-rpfilter |
| | iptables-module-xt-dccp | iptables-module-xt-iprange | iptables-module-xt-nfqueue | iptables-module-xt-sctp |
| | iptables-module-xt-devgroup | iptables-module-xt-ipvs | iptables-module-xt-osf | iptables-module-xt-secmark |
| | iptables-module-xt-dscp | iptables-module-xt-led | iptables-module-xt-owner | iptables-module-xt-set |
| | iptables-module-xt-ecn | iptables-module-xt-length | iptables-module-xt-physdev | iptables-module-xt-socket |
| | iptables-module-xt-esp | iptables-module-xt-limit | iptables-module-xt-pkttype | iptables-module-xt-standard |
| | iptables-module-xt-statistic | iptables-module-xt-tcpoptstrip | iptables-module-xt-trace | lrzsz |
| | iptables-module-xt-string | iptables-module-xt-tee | iptables-module-xt-u32 | systemd-serialgetty |
| | iptables-module-xt-synproxy | iptables-module-xt-time | iptables-module-xt-udp | u-boot-fw-utils-xlnx |
| | iptables-module-xt-tcp | iptables-module-xt-tos | libnfnetlink | u-boot-xlnx |
| | iptables-module-xt-tcpmss | iptables-module-xt-tproxy | libpci | update-alternatives-opkg |
| | update-rc.d | xz | | |
| | GPLv2+ & LGPLv2.1+ | libcap-ng | | |
| GPLv2+ & LGPLv2.1+ & BSD-3-Clause & BSD-4-Clause | util-linux-agetty | util-linux-mount | util-linux-sulogin | util-linux-umount |
| | util-linux-fsck | | | |
| GPLv2+ BSD | libjitterentropy | pam-plugin-group | pam-plugin-nologin | pam-plugin-shells |
| | libpam | pam-plugin-keyinit | pam-plugin-permit | pam-plugin-succeed-if |
| | libpam-runtime | pam-plugin-lastlog | pam-plugin-pwhistory | pam-plugin-tally2 |

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| GPLv2+ BSD (continued) | pam-plugin-access | pam-plugin-limits | pam-plugin-rootok | pam-plugin-unix |
| | pam-plugin-cracklib | pam-plugin-localuser | pam-plugin-securetty | pam-plugin-warn |
| | pam-plugin-deny | pam-plugin-loginuid | pam-plugin-mail | pam-plugin-motd |
| | pam-plugin-env | pam-plugin-faildelay | | |
| GPLv3 & GPLv2 & LGPLv2.1 | usbmuxd | | | |
| GPLv3 & LGPLv3 | cifs-utils | | | |
| GPLv3 & LGPLv3 & Apache-2.0 | rsyslog | | | |
| GPLv3+ | bash | rsync | | |
| ISC & BSD-3-Clause & BSD-2-Clause & GPLv2+ | cronie | | | |
| LGPL-2.1 | libusbmuxd | | | |
| LGPL-2.1+ | libkmod | | | |
| LGPLv2.1 | libestr | libnl-genl | libxcrypt | nss-pam-ldapd |
| | libnl | libsysfs | | |
| LGPLv2.1+ | avahi-daemon | libavahi-core | libgpiod-tools | libusb1 |
| | cracklib | libdaemon | libmnl | util-linux-libblkid |
| | libavahi-common | libgpiod | libnss-mdns | util-linux-libmount |
| Libpng | libpng | | | |
| MIT | bitstream-extraction | libfastjson | lua-resty-jit-uuid | os-release |
| | expat | libgssapi-krb5 | lua-resty-mail | pmu-firmware |
| | fmt | libk5crypto | luasocket | popt |
| | fsbl | libkrb5 | md5 | run-postinsts |
| | iniparser | libkrb5support | ncurses-libncurses | shadow-securetty |
| | jansson | lpeg | ncurses-libtinfo | systemd-compat-units |
| | lapis | lpeg-patterns | ncurses-terminfo-base | systemd-conf |
| | u-boot-zynq-scr | u-boot-zynq-uenv | volatile-binds | |
| MIT & BSD-3-Clause & BSD-2-Clause & PD | dropbear | | | |
| MIT & GPLv2+ & BSD | nfs-utils-client | nfs-utils-mount | | |

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| MIT-X | libevdev |
| OpenLDAP | openldap |
| openssl | libcrypto openssl openssl-bin openssl-conf libssl |
| PD | liblzma |
| STMicro | cobra-stm32 |
| Xilinx | cobra-r5dp |
| Xilinx IP | axi_usb2_device dp_rx_subsystem |
| Zlib | libtinyclang zlib |

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