

Advantech Corporation**EKI-7710G-2CP-AE**

(EKI7710G2CPA1801-T)

Release Note

FW Release Date	2022/9/2	V1.01.08
	2023/3/9	V1.01.09
	2023/7/5	V1.01.10
Document Latest Update Date		2022/10/21 2023/3/9 2023/7/5
Change History	2022/10/21	Add Issue fixed information table
	2022/11/8	Add CVE number of OpenSSL/hostapd/OpenSSH
	2023/3/9	Add v1.01.09 release information
	2023/7/5	Add v1.01.10 release information
Engineer		Jason Cheng
Project Manager		Dorothy Wu
Final Approval		Roger Cheng

Firmware Version: V1.01.08

I. Release Brief

Firmware Version: v1.01.08 (D110901S06296)

Purpose of Release: Web Server Enable & All remaining open source update in list.

Customer: Bosch (EKI7710G2CPA1801-T / PRA-ES8P2S)

II. Changes

i. New Feature Release

N/A

ii. Feature Update

N/A

iii. Issue Fixed

Web Server Enable & All remaining open source update in list.

Component	Version	License	Action	Affected CVE
Boa	0.94.13	GPLv2	Patch	CVE-2018-21028 CVE-2018-21027 CVE-2009-4496
Hydra	0.1.8	GPLv2	Patch	CVE-2019-17502
OpenSSL	1.1.1h	OpenSSL	Update 1.0.1g to 1.1.1h	CVE-2017-3735 CVE-2016-6306 CVE-2016-6304 CVE-2016-2842 CVE-2016-2105 CVE-2016-0800 CVE-2016-0799 CVE-2016-0798 CVE-2016-0797 CVE-2016-0705 CVE-2016-0704 CVE-2016-0703 CVE-2016-0702 CVE-2015-3197 CVE-2015-1792 CVE-2015-1791 CVE-2015-1790 CVE-2015-1789

				CVE-2015-1788 CVE-2014-8176 CVE-2014-5139 CVE-2014-3568 CVE-2014-3567 CVE-2014-3566 CVE-2014-3513 CVE-2014-3512 CVE-2014-3511 CVE-2014-3510 CVE-2014-3509 CVE-2014-3508 CVE-2014-3507 CVE-2014-3506 CVE-2014-3505 CVE-2014-3470 CVE-2014-0221 CVE-2014-0198 CVE-2014-0195 CVE-2013-6450 CVE-2013-6449 CVE-2013-4353 CVE-2012-2333 CVE-2012-2110 CVE-2010-5298
hostapd	2.9	BSD	Update 2.1 to 2.9	CVE-2016-4476
Openssh	8.4p1	BSD	Update 6.7 to 8.4p1	CVE-2017-15906 CVE-2016-0778 CVE-2016-0777
NetSNMP	5.7.1	BSD	Patch	CVE-2020-15862 CVE-2020-15861 CVE-2019-20892 CVE-2018-1000116 CVE-2018-18066 CVE-2018-18065 CVE-2015-5621 CVE-2014-3565 CVE-2014-2284 CVE-2012-2141
dhcp	4.1-ESV-R10	ISC license	Patch	CVE-2018-5732
iptables	1.4.10	GPLv2	Patch	CVE-2012-2663

zlib	1.2.8	Zlib license	Patch	CVE-2016-9843 CVE-2016-9842 CVE-2016-9841 CVE-2016-9840
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Detail information for reference. (** EKI open source review_20221020.xlsx)



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review_20221020.;

iv. The known unfixed issues

N/A

v. MD5 checksum

MD5 EKI-7710G-2CP-AE-1-01-08.hex = 56ce7058c88a0b5b7c1121699c8a6f38

Firmware Version: V1.01.09

I. Release Brief

Firmware Version: v1.01.09 (D120307S06445)

Purpose of Release: Fix SNMPv3 cause memory leak issue.

Customer: Bosch (EKI7710G2CPA1801-T / PRA-ES8P2S)

II. Changes

i. New Feature Release

N/A

ii. Feature Update

N/A

iii. Issue Fixed

Issue info: SNMPv3 cause memory leak due to patch CVE-2019-20892 in v1.01.08.

Cause: There's only one free point in version 5.7.1. Patch CVE-2019-20892 caused the only free point of SW to be lost and memory leak appeared.

Solution: Un-patch CVE-2019-20892.

Component	Version	License	Action	Affected CVE
NetSNMP	5.7.1	BSD	Un-Patch	CVE-2019-20892

Detail information for reference. (** EKI open source review_20230309 v1_01_09.xlsx)



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review_20230309\

iv. The known unfixed issues

N/A

v. MD5 checksum

MD5 EKI-7710G-2CP-AE-1-01-09.hex = c9c56f38805bb88539bd86e4bd246f33

Firmware Version: V1.01.10

I. Release Brief

Firmware Version: v1.01.10 (D120626S06511)

Purpose of Release: CVE patch

Customer: Bosch (EKI7710G2CPA1801-T / PRA-ES8P2S)

II. Changes

i. New Feature Release

N/A

ii. Feature Update

N/A

iii. Issue Fixed

CVE Patched. (Listed in below table.)

Component	Version	License	Action	Affected CVE
OpenSSL	1.1.1h	OpenSSL	CVE patch	CVE-2022-4304 CVE-2022-4450 CVE-2023-0215 CVE-2023-0286 CVE-2023-0464 CVE-2023-0465 CVE-2023-0466 CVE-2023-2650 CVE-2020-1971 CVE-2021-23840 CVE-2021-23841 CVE-2021-3449 CVE-2021-3450 CVE-2021-3712 CVE-2021-4160
NetSNMP	5.7.1	BSD	CVE patch	CVE-2022-44793
Linux	2.6.19	GPLv2	CVE patch	CVE-2011-1172 CVE-2011-1171 CVE-2011-1170 CVE-2008-1669 CVE-2008-1294 CVE-2007-2453

				CVE-2007-1592
DHCP	4.1-ESV-R10	ISC license	CVE patch	CVE-2018-5733 CVE-2021-25217 CVE-2022-2928 CVE-2022-2929
openssh	8.4.p1	BSD	CVE patch	CVE-2021-28041 CVE-2021-36368 CVE-2021-41617
Zlib	1.2.8	zlib	CVE patch	CVE-2018-25032 CVE-2022-37434

Detail information for reference. (** EKI open source review_20230629 v1_01_10.xlsx)



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review_20230629 \

iv. The known unfixed issues

N/A

v. MD5 checksum

MD5 EKI-7710G-2CP-AE-1-01-10.hex = 56952a53e2141cc815f1411610a82897