CYBERSECURITY ASSURANCE PROGRAM CERTIFICATE

Certificate Number:	ULCAP_147
Date of Issue:	2021-08-31
Date of Expiration:	2022-08-31
Certificate Holder:	6, Pangyo-ro 319beon-gil, Bundang-gu Seongnam-si, Gyeonggi-do, 13488 KR
Certified Product:	WN7 Wiper IR PTZ Camera
Model:	XNP-9300RW XNP-8300RW XNP-6400RW
Software Version:	2.01.05
Product Description:	Basic network camera capable of video surveillance and monitoring in various locations as well as customer information analysis based on video analysis technology.
Standard:	UL 2900-1
Edition Date:	July 5, 2017, with revisions dated June 5, 2020
NIST Vuln Database Date:	2021-08-24
Test Report Number:	4789941724-003

This is to certify that representative sample(s) of the Product described herein have been investigated and as of the date of testing, found in compliance with the Standard(s) indicated on this Certificate. UL does not provide any representation or guarantee that all security vulnerabilities or weaknesses will be found or that the product will not be vulnerable, susceptible to exploitation, or eventually breached. The designated Certificate Holder is entitled to market the Product in accordance with the UL Global Services Agreement and Cybersecurity Assurance Program Service Terms. This Certificate shall remain valid until the indicated Expiration Date unless terminated earlier in accordance with the Service Agreement or if the referenced Standard is amended or withdrawn. This Certificate in and of itself does not authorize the Certificate Holder to use any UL trademarks on the Certified Product. UL trademarks may only be used if the Certified Product is also covered under the applicable UL mark program(s).

David Magri
Program Manager
Conformity Assessment Programs Office

Conditions of Certificate

The following conditions must be met for the products to continue to be in compliance with this certificate:

1. This certificate covers the following firmware versions:
   - v2.01.05
2. This certificate covers the following devices:
   - Hanwha Techwin IP Camera models:

     XNP-9300RW XNP-8300RW XNP-6400RW
3. The IP cameras must be configured to the guidelines and specifications of the following documents:
   - 25_ULCAP_HTW_(IPCamera)Network_Hardening_Guide_V3.0_EN.pdf – Protective Level
   - 17_ULCAP_HTW_SW security verification process_00_BB31-0015K_EN.docx
4. The following list contains protocols and/or services that have been assessed for this evaluation:
   - HTTP/HTTPS/TLS
   - RTP/RTCP/RTSP
   - SUNAPI/ONVIF
   - SNMPv3
   - Bonjour
   - UPnP
   - ARP
   - LLDP
   - ICMP
   - IGMP
5. Source Code Analysis was conducted on the following software revisions:
   - XNP-9300RW_2.01.05_20210701_R407.img, Revision: 20422
6. It is the responsibility of the end product owner to terminate authenticated web sessions by closing their browser.
7. All implementations of the protocols and/or services which are out-of-scope will have to be evaluated by the end product owner.