ITxPT Module Labeling Report

REPORT ID	20231219-0166
DATE	11/03/2025
COMPANY	HIKVISION
TESTER	ITxPT laboratory manager
SPECIFICATION	S01 - S02P00 to S02P09 (Sequoia Release)
TOOLS USED FOR THE TEST	ITxPT Laboratory

Module configuration tested by ITxPT laboratory

Manufacturer	Model	Hardware version	Software version	Unique Identifier
HIKVISION	AE-MD7083	0	V5.7.7	CC8509746

Hardware interfaces

Interface name	Provided status	Implementation level
Power supply	✓	Permanent, Ignition, SLEEP management
Ethernet	✓	Native, number: 2 and type of port: rj45 with M12 adapter
FMS	N/A	-
Wireless communications	✓	GPS
Audio	N/A	-
Auxiliary	N/A	-

Implemented services

Service		Operation	Provided status	Provided type	Consumed status	Consumed type
Module Inventory			✓	itxpt_http	N/A	itxpt_socket *and/or* itxpt_http
Time			N/A	sntp	N/A	sntp
GNSS Location			✓	itxpt_multicast	N/A	itxpt_multicast
FMS to IP	Provision		N/A	itxpt_multicast	N/A	itxpt_multicast
	Configuration		N/A	itxpt_http	N/A	itxpt_http
VEHICLEtoIP			✓	itxpt_multicast	N/A	itxpt_multicast
AVMS		Run Monitoring	N/A	itxpt_http	N/A	itxpt_http
		Planned Pattern	N/A		N/A	
		Pattern Monitoring	N/A		N/A	
		Vehicle Monitoring	N/A		N/A	
		Journey Monitoring	N/A		N/A	
		General Message	N/A		N/A	
		Connection Monitoring	N/A		N/A	
APC		Passenger door count	✓	itxpt_http	N/A	itxpt_http
		Passenger vehicle count	✓		N/A	
MADT		MADT information	N/A	itxpt_socket	N/A	itxpt_socket
		Play a sound	N/A		N/A	
		Read settings	N/A		N/A	
		Write settings	N/A		N/A	
		Stop the MADT Service	N/A		N/A	
		Restart the MADT Service	N/A		N/A	
		Retrieve MTS characteristics	N/A		N/A	
		Create a Web tab	N/A		N/A	
		Create a VNC tab	N/A		N/A	
		Create a shortcut	N/A		N/A	
		Navigate to given URI	N/A		N/A	
		Blink a tab	N/A		N/A	
		Activate a tab	N/A		N/A	
		Remove a tab	N/A		N/A	
		Remove a shortcut	N/A		N/A	
		I am alive	N/A		N/A	
		Get tabs mapping	N/A		N/A	
		Get shortcuts	N/A		N/A	
MQTT			N/A	mqtt	N/A	mqtt

DISCLAIMER	Module manufacturer shall declare any change impacting the result of one or several tests for each module configuration using the "**declaration of change**" file available on ITxPT documentation center. The consumption status is based primarily on the module manufacturer's declaration, since laboratory tests can only partially assess service consumption. The manufacturer hereby guarantees that its module is fully capable of consuming, i.e., subscribing to, receiving and processing data from services provided by another ITxPT-compliant module

VARIANTS OF LABEL ID ***20231219-0166***

DISCLAIMER	The undersigned, representing the module manufacturer, hereby declares and guarantees that all ITxPT-related interfaces or services, whether optional or mandatory, which are compliant with the tested module configuration, are implemented identically across all configuration variants of the tested module. Only the same or simpler hardware configuration variants may be listed, the firmware must remain the same. Each variant must be provided with the description of the hardware differences compared to the reference model. Wildcards are not allowed in the variant names. Signed: _____ Name: ___Teng Siyuan_____ Date: _2025/3/5_____ Company Stamp: _____

Manufacturer	**Tested model name**	Short description of the tested hardware	Hardware version	Software / Firmware version	Specification Package	Provision (S02P01-Inventory, S02P02-Time, …)	Consumption (S02P01-Inventory, S02P02-Time, …)	Power supply (Permanent | Ignition | Main switch | Full power | SLEEP mode | POE)	Ethernet implementation	FMS	Wireless communications (GSM | GPS | WLAN)	Audio	Auxiliary (Low battery , Odometer , Doors , AnyDoorOpen , Awake request , Stop request , Full power)
HIKVISION	**AE-MD7083**	It has 8 analog camera intrefaces	0x0	V5.7.7	Sequoia	S02P01-Inventory S02P03-GNSS location S02P05-VEHICLEtoIP S02P07-APC	-	Permanent, Ignition, SLEEP management	Native, number: 2 and type of port: rj45 with M12 Adapter	-	GPS	-	-

Manufacturer	Variant full name *(wildcards are not accepted)*	Short description of the differences with the tested model (same or simpler hardware architecture)	Hardware version	Software / Firmware version	Specification Package	Provision	Consumption	Power supply	Ethernet implementation	FMS	Wireless communications	Audio	Auxiliary
HIKVISION	AE-MH0804	It has 8 analog camera intrefaces and additional 4 IP camera network interfaces compared to MD7083	0x0	V5.7.7	Sequoia	S02P01-Inventory S02P03-GNSS location S02P05-VEHICLEtoIP S02P07-APC	-	Permanent, Ignition, SLEEP management	Native, number: 2 and type of port: rj45 with M12 Adapter	-	GPS	-	-