

VEHICLE AHD AI SOLUTION

RUGGED TABLET



4-CH AHD Camera

4 x AHD 720P Camera inputs, real-time monitoring, and video recording



High brightness

800 nits higher brightness display readable in the sunlight condition and outdoor environment



ISO 7637-II

ISO7637-II standard transient voltage protection, withstand up to 174V/300ms car surge impact
DC9-36V Wide voltage power supply design



CAN BUS

CAN Bus interface with CAN 2.0B protocol provide a standard bus for automotive computer control systems and embedded industrial control local area networks



DMS & ADAS (optional)

Driver Monitoring System and Advanced Driver Assistance Systems make driving safer



Real-time precision tracking

Dual-satellite system running GPS + GLONASS
Integrated 4G LTE for round-the-clock connectivity



All-round ruggedness

Comply with IP67 rating
1.2 meters drop resistance
Anit-vibration & shock standard by US Military MIL-STD-810G

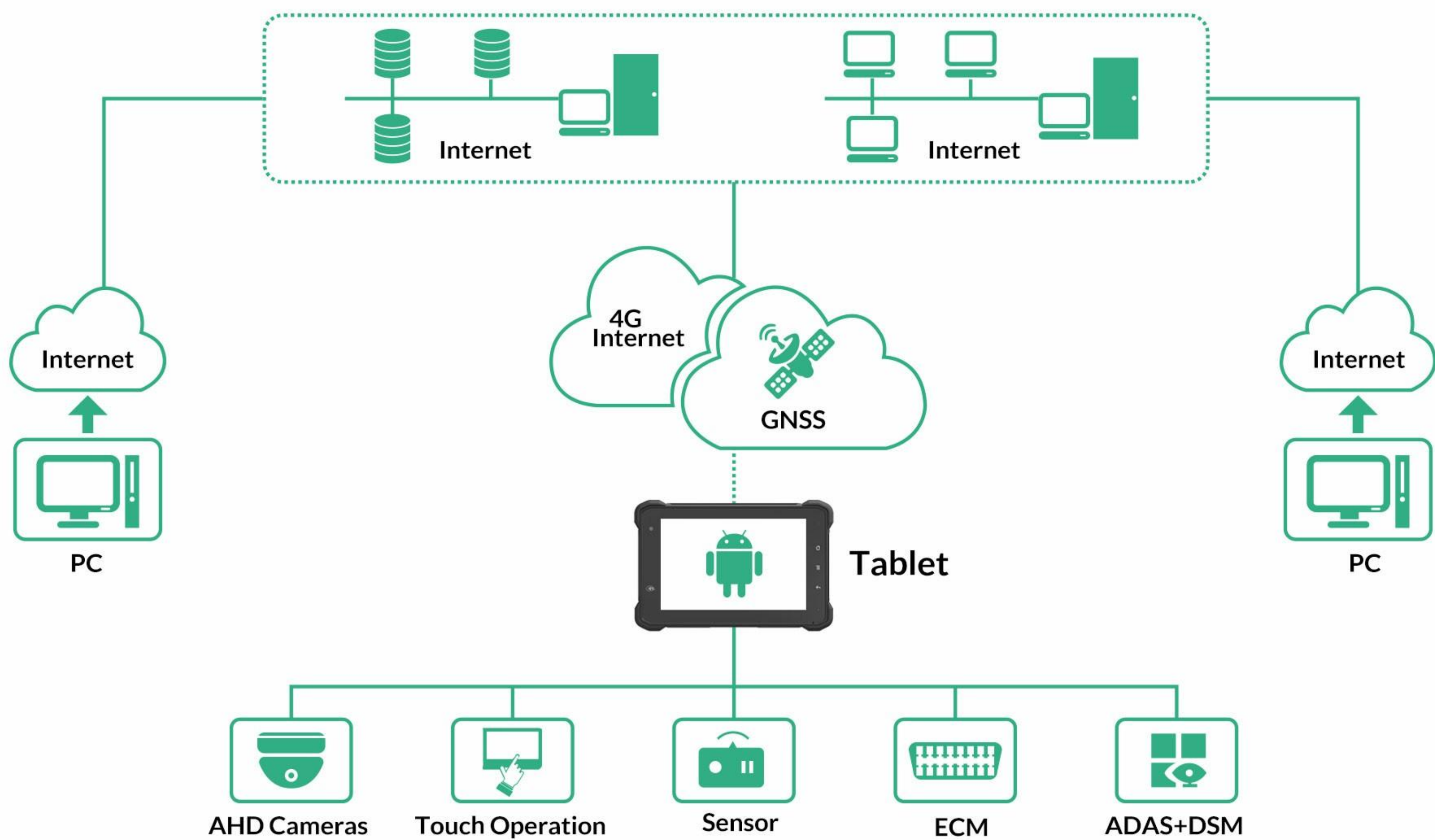


ELD made easy (optional)

SAEJ1939/OBD-II interfaces, recording ECM data automatically
Compliant with multiple HOS rules(FMCSA) including Property/Passenger 60-hour/7-day & 70-hour/8-day



Safety driving and assets management in transit are two of the most important aspects of fleet management. We provides vehicle AHD AI solution for monitoring and video recording. The AHD cameras will be installed in the different position of vehicle to improve AI driving safety and avoid potential risks, and do real time video recording . Tablet is capable to integrate with software of ADAS & DMS and supply a full range of 720P/1080P 4CH Video inputs,touch operation makes human-machine interaction more convenient. Bulit-in GPS, 4G, WIFI, Bluetooth networks allows the data uploading to cloud serves. The complete solution makes the dispatch and fleet management more effectively.



Fleet Management



Waste Management

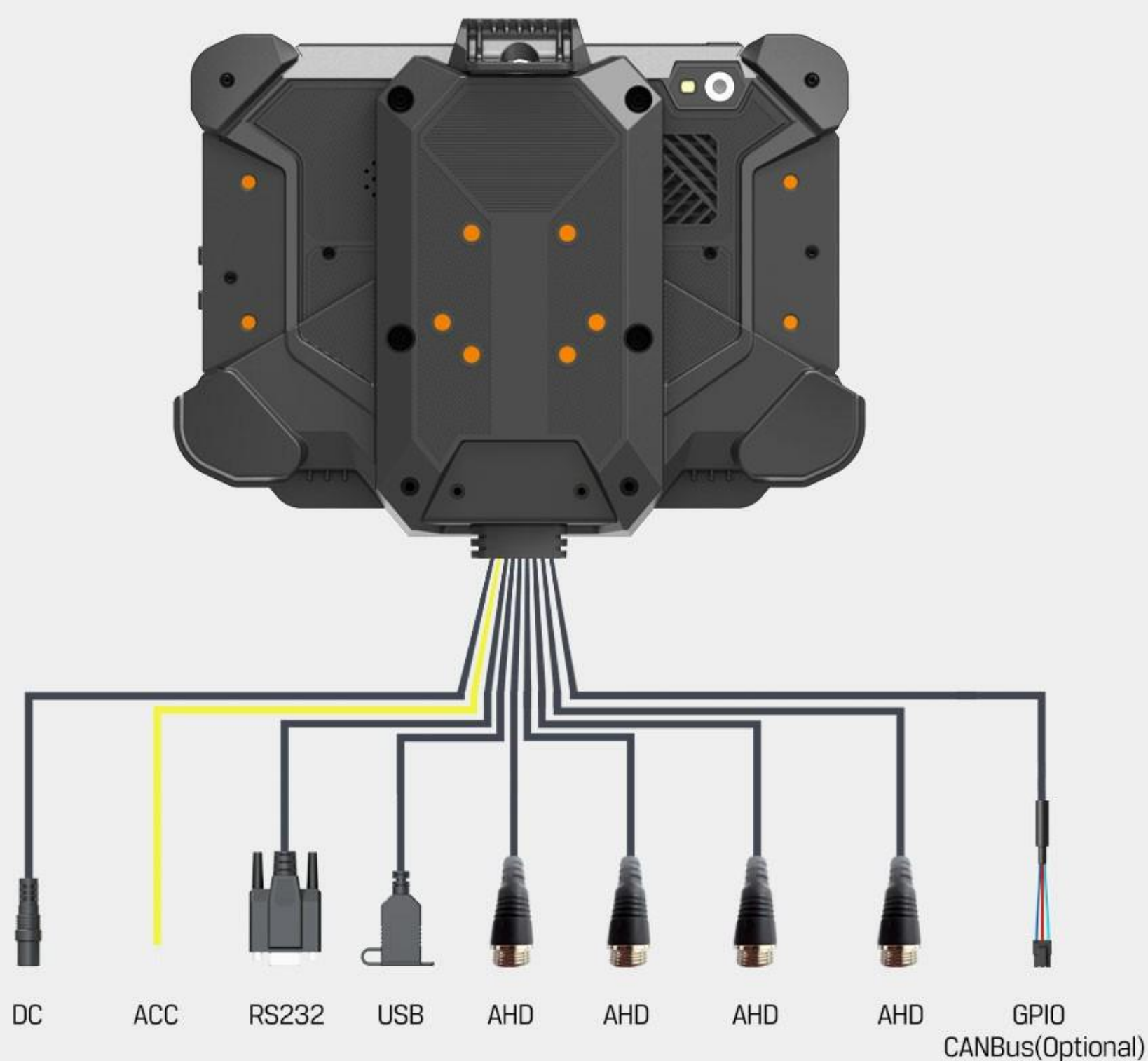


Forklift Safety

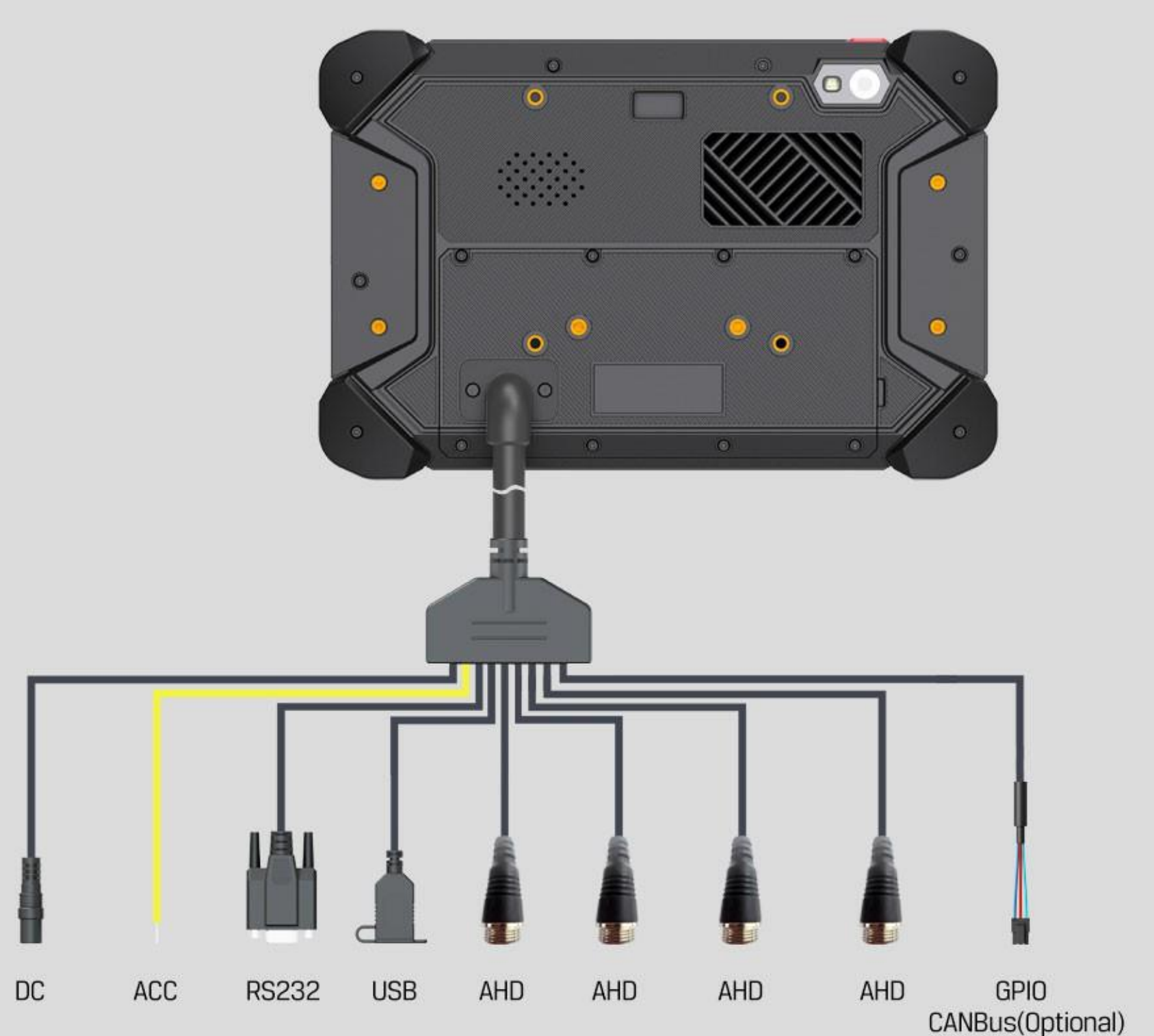
SPECIFICATIONS

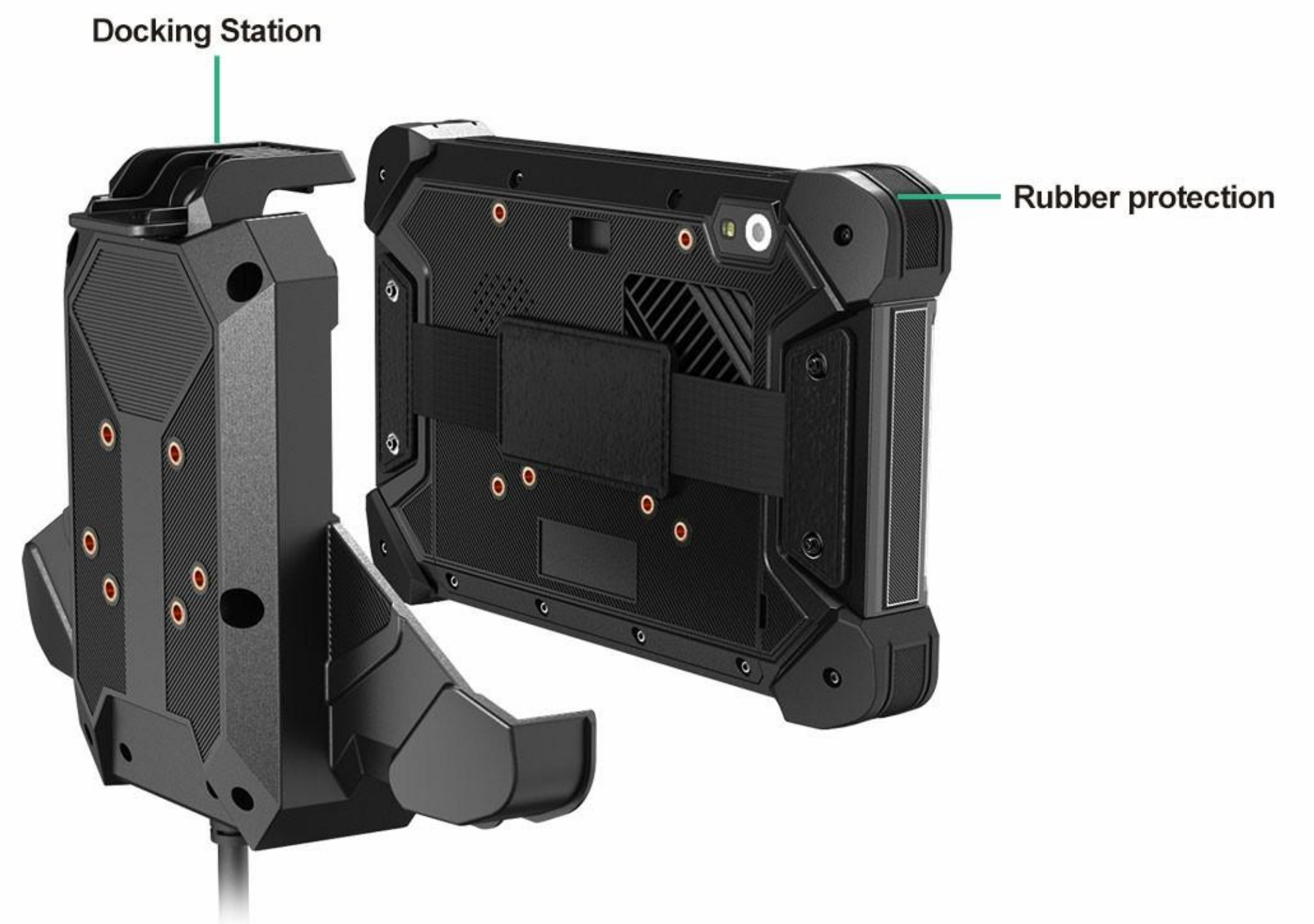
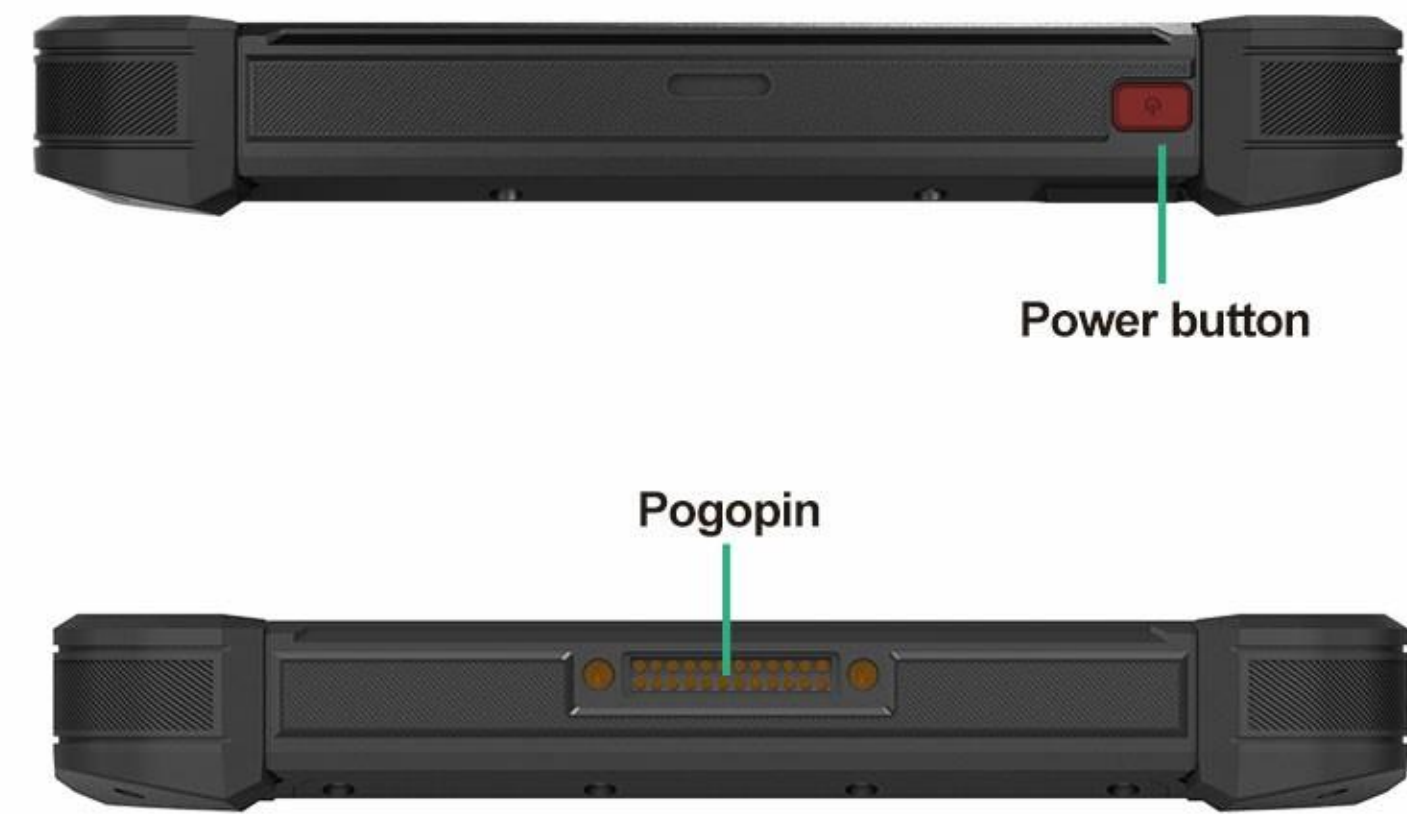
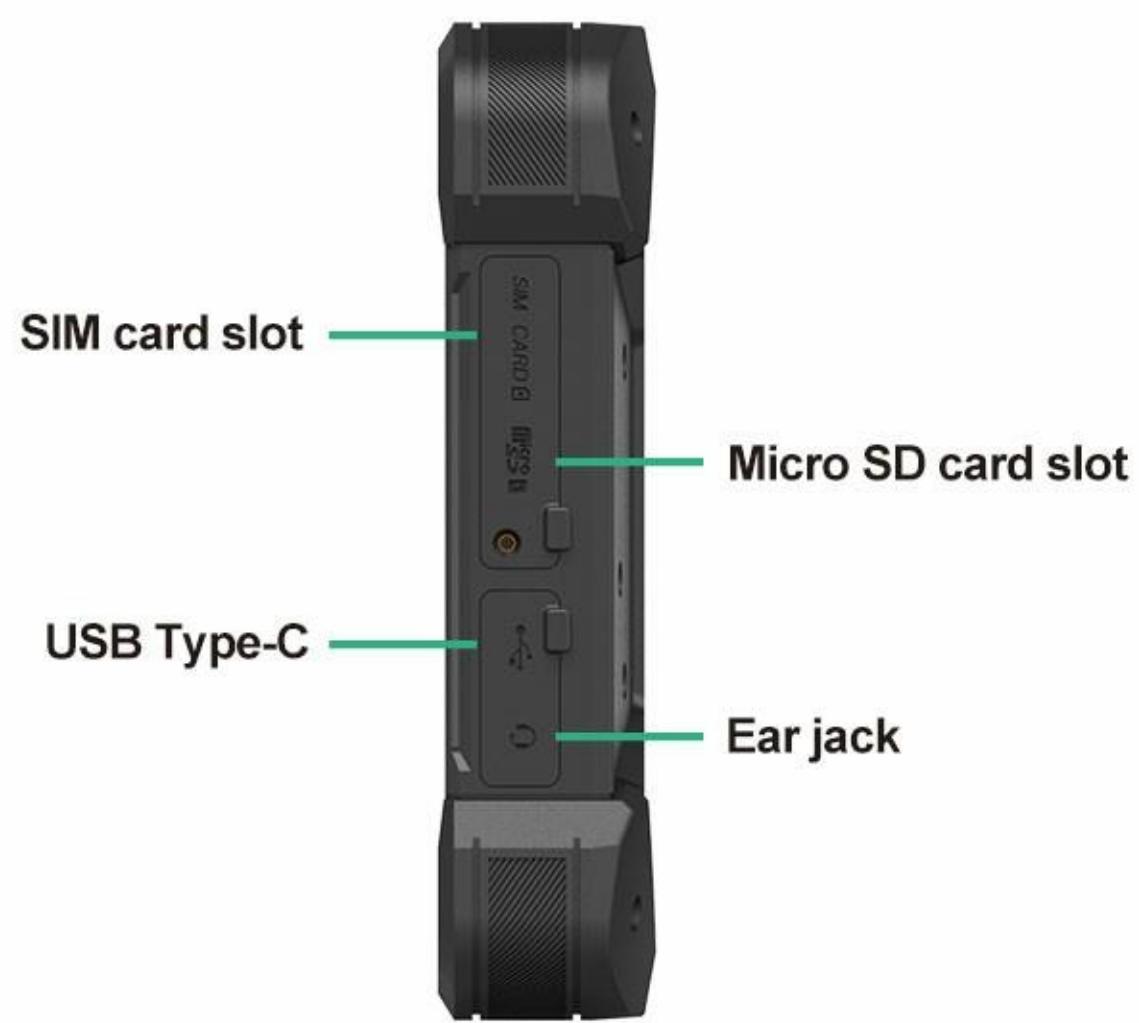
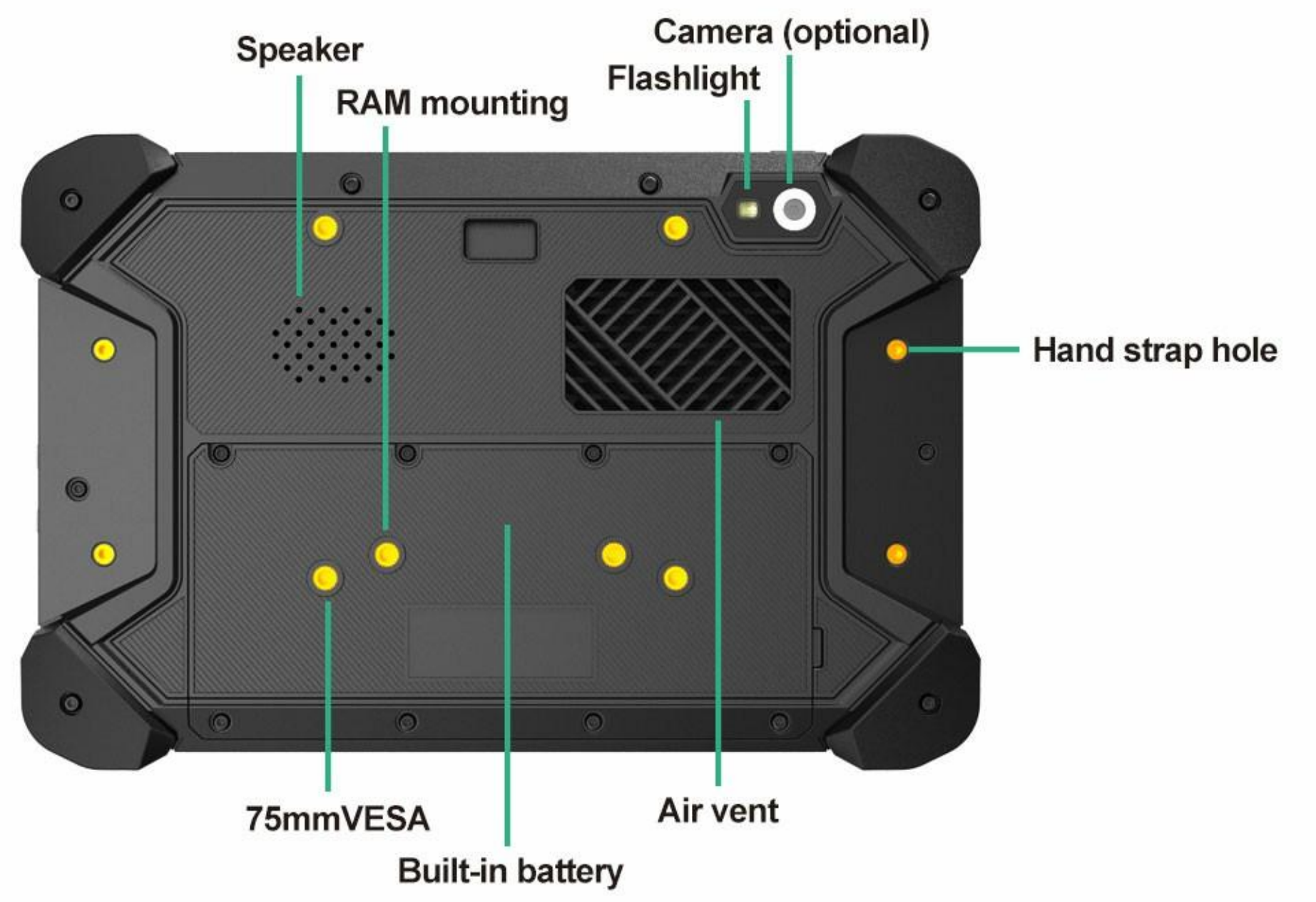
System	CPU	Qualcomm Cortex-A53 64-bit Octa-core Processor, 1.8GHz	
	GPU	Adreno 506	
	Operating System	Android 9.0	
Storage	RAM	2 GB LPDDR3 / 4GB (optional)	
	Flash	16 GB eMMC / 64GB (optional)	
	Storage Expansion	Maximum Support Micro SD 512GB	
Display	LCD	7 inch HD (1280 x 800), 800cd/m ² Sunlight readable	
	Touchscreen	Multi touch capacitive touchscreen	
Digital camera	Camera (optional)	Rear: 16 MP	
Communication	Bluetooth	BLE 4.2	
	WiFi	IEEE 802.11 a/b/g/n/ac; 2.4GHz/5GHz	
	2G/3G/4G	LTE, HSPA+, UMTS, EDGE, GPRS, GSM (Data and Voice)	
	GNSS	GPS/GLONASS	
	NFC (optional)	Read/Write Mode:ISO/IEC 14443 A&B up to 848 kbit/s, FeliCa at 212 &424 kbit/s, MIFARE 1K,4K,NFC Forum type 1,2,3,4,5 tags,ISO/IEC 15693 All peer-to-peer modes Card Emulation Mode(from host):NFC Forum T4T (ISO/IEC 14443 A&B) at 106 kbit/s;T3T FeliCa	
Video input	Video input	4 x 720P AHD Independent input 1.0Vp-p, 75Ω	
	Video standard format	PAL format: 25 frames per second; NTSC format: 30 frames per second	
Audio	Built-in microphone	x1	
	Audio output	Built-in 2W speaker	
Video and audio compression	Video encoding format	H.265/H.264	
	Video format	TS/MP4	
	Image format (choose 1 of 2)	PAL: 4 x 720P	
		NTSC: 4 x 720P	
	Dual stream	Support Dual stream	
Video bit rate	192Kbps-4096Kbps (Per channel)		
Interface	Type-C	Compliant with USB 3.0 (for charging and data transfer; support OTG)	
	Docking connector	POGO PIN x24	
	Headphones and microphones (four-stage)	x1	
Sensor	Gyroscope, Accelerometer, Light sensor, Compass		
Power supply	DC input	DC9-36V (ISO 7637-II compliant)	
	Battery	3.7V,5000mAh Li-ion (Replaceable) (not for All-in-one cable version)	
Physical Dimensions (WxDxH)	200x130x28.5mm		
Weight	815g		
Environmental reliability	Drop test	120cm	
	Vibration test	MIL-STD-810G	
	Dustproof and waterproof	IP67	
	Operating temperature	-10° C ~ 65° C (14°F-149°F) 0° C ~ 55° C(32°F-131°F) (Charging)	
	Storage temperature	-20° C ~70° C	
Extended interfaces	Connection	Docking Station (option A)	All in one Cable (option B)
	USB2.0 (Type-A)	x1	x1
	RS232	x1	x1
	AHD	x4(with 12V power output each)	x4(with 12V power output each)
	ACC	x1	x1
	Power	x1(9-36V)	x1(9-36V)
	GPIO	x2	x2
CANBUS	x1(Optional)	x1(Optional)	

Docking Station (option A)



All in one Cable (option B)





Accessories



Power adaptor



USB to Type-C cable

Standard



Side View AHD Camera
AHD-720S



Dome AHD Camera
AHD-720D



Rear View AHD Camera
AHD-720R



Mini AHD Camera
AHD-720Mini



Video Cable

Optional