



## VR-X20 DVR G3

VR-X20 DVR G3 features AI-empowered computing platform that supports ALPR, merges video and data from multiple sources at once, and enables multi-tasking.



### AI PC Performance for Multi-Tasking

Feature with the Intel® Core™ Ultra 5 processor 125H, delivering faster speed and improved power-saving capability for AI applications.



### Military-Grade Durability

MIL-STD-810H compliant. Built to withstand extreme environments, ensuring consistent performance in a wide temperature range from -22°F to 158°F.



### Multiple Connectivity Options

Offer dual LAN, Wi-Fi 7, GPS, and Bluetooth with faster data streaming speed. GPS supports L1 and L5.



### Long-Term Reliability

A 3-year warranty ensures continued service support and device longevity. An extended warranty is also available with additional purchase.



### Backup Battery

Powerful backup battery keeps you fully functional in case of vehicle collision or dead battery.

# Specifications

## Operating System

Windows 11 IoT Enterprise

## CPU

8GB DDR5

Optional: 16GB / 32GB DDR5

1<sup>st</sup> storage: 256GB PCIe NVMe SSD

Optional: 512GB / 1TB / 2TB PCIe NVMe SSD

2<sup>nd</sup> storage: 256GB PCIe NVMe SSD

Optional: 512GB / 1TB / 2TB PCIe NVMe SSD

## GPU

Intel® Arc™ Graphics

## NPU

Intel® AI Boost

## I/O Interface

PoE (Power Over Ethernet, PSE) x 6

LAN (RJ45, 2.5Gbps) x 1

LAN (RJ45, 1Gbps) x 1

Audio Jacks (RJ45) x 2

Serial port (9-pin; D-sub) x 1

Audio in/out combo x 1

DC in Jack (Power & Ignition) x 1

USB 2.0 Type-A x 1

USB 3.1 Gen 2 Type-A x 2

USB 4 Gen2x2 Type-C x 1

GPIO Ports (Input x 8, Output x 4, 12V/1A power output x 2)

GPS SMA x 1

Wi-Fi MiMo RP-SMA x 2

Control unit connector x 1

HDMI x 1

## Communications

10/100/1000 BASE-T Ethernet

2.5GBASE-T Ethernet

Intel® Wi-Fi 7 BE202, 802.11be

Bluetooth (v5.4)

## Security

TPM 2.0

## Power

Li-Ion battery (7.26V, typical 9600mAh; min. 9400mAh)

## Ruggedness

MIL-STD-810H compliant

## Temperature

Operating: -30°C to 70°C / -22°F to 158°F

Storage: -40°C to 85°C / -40°F to 185°F

## Dimensions (W x D x H) & Weight

182 x 68.5 x 179mm (7.16" x 2.69" x 7.04")

2.08kg (4.59lbs)

## Warranty

3-year standard limited warranty

\* Extended plans available.

\* Specification subject to change. Custom options are available based on customer specifications.

# VR-X20 DVR G3



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