

X1N-GMH0401 - Mobile Recorder with GPS, wifi, 4G(EC25AU), without HDD and without cables



Overview

Streamax X1N-H0401 is a cost-effective device specially developed for mobile video surveillance and remote video surveillance, featuring high functional scalability. It is equipped with a high-speed processor and an embedded operating system, integrating state-of-the-art H.265 video compression/decompression technologies, 3G/4G network technologies, GPS/BD positioning technologies, and Wi-Fi technology in the IT industry. It supports recordings in formats of 1080p, 720p, WD1, WHD1, WCIF, D1, HD1 and CIF.

Moreover, it allows recording vehicle driving information and uploading videos remotely. It can also be used with the center software to support alarm linkage by providing central remote video surveillance, intelligent vehicle dispatching management and playback analysis based on the central database. It supports extended AI intelligent algorithms, provides the Advanced Driver Assistance System (ADAS) alarm, Blind Spot Detection (BSD), and Driver Status Monitor (DSM), and effectively assists drivers in improving driving safety and reducing pedestrian and vehicle accidents.

Strengths

- Embedded Linux operating system

- Extended AI intelligent algorithms

- H.265/H.264 encoding and decoding to improve the memory space utilization

- 2.5-inch hard disk storage, hard disk heating & hard disk power-off protection technologies

- Good anti-vibration performance, simple design, and flexible & easy installation

- Comprehensive functions and high reliability

Active Safety Features

Streamax XIN-H0401 is equipped with two AI algorithms, the DMS algorithm to detect risky driving behaviors and the ADAS algorithm to assist drivers in driving safety. The ADAS algorithm can be replaced with BSD as needed. Detected events will trigger an audio and visual notification by R-watch to alert the driver in real time, event recordings will be uploaded to the cloud simultaneously.

DMS Features



1

Yawning



1

Fatigue



1

Smoking



1

Phone Call



1

Distraction



1

Lens Covered

ADAS Features



2

LDW



2

HMW



2

FCW



2

PCW

1. Expected release date June 10th 2021
2. Expected release date June 10th 2021

Optional Active Safety Features

BSD Features

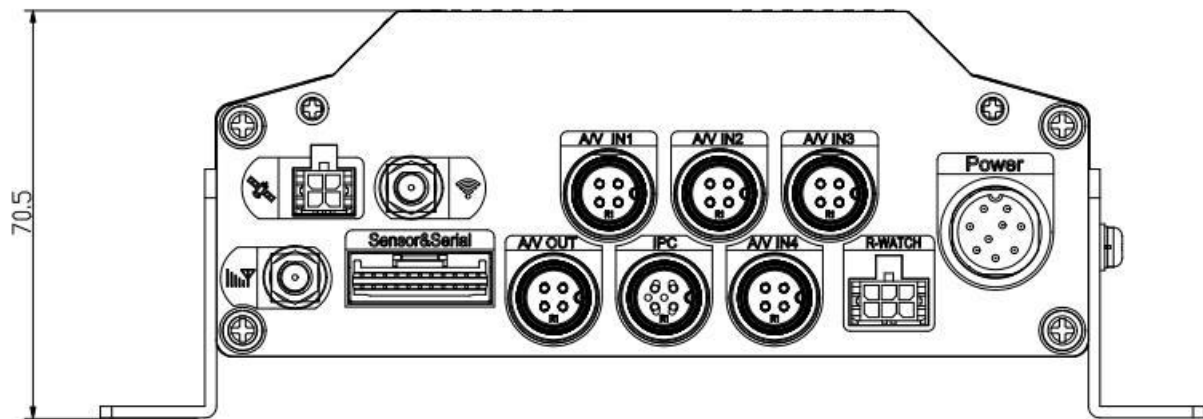
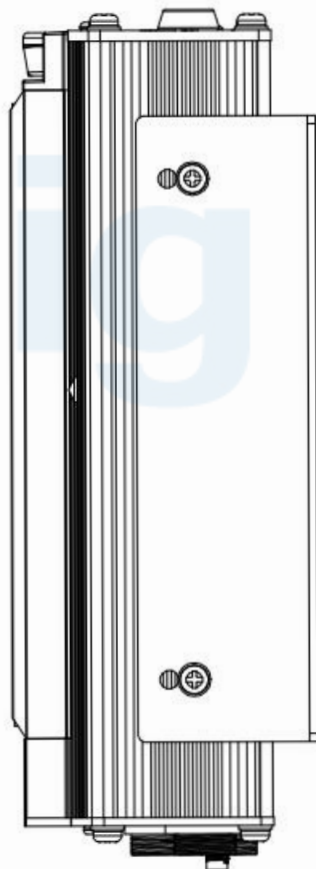
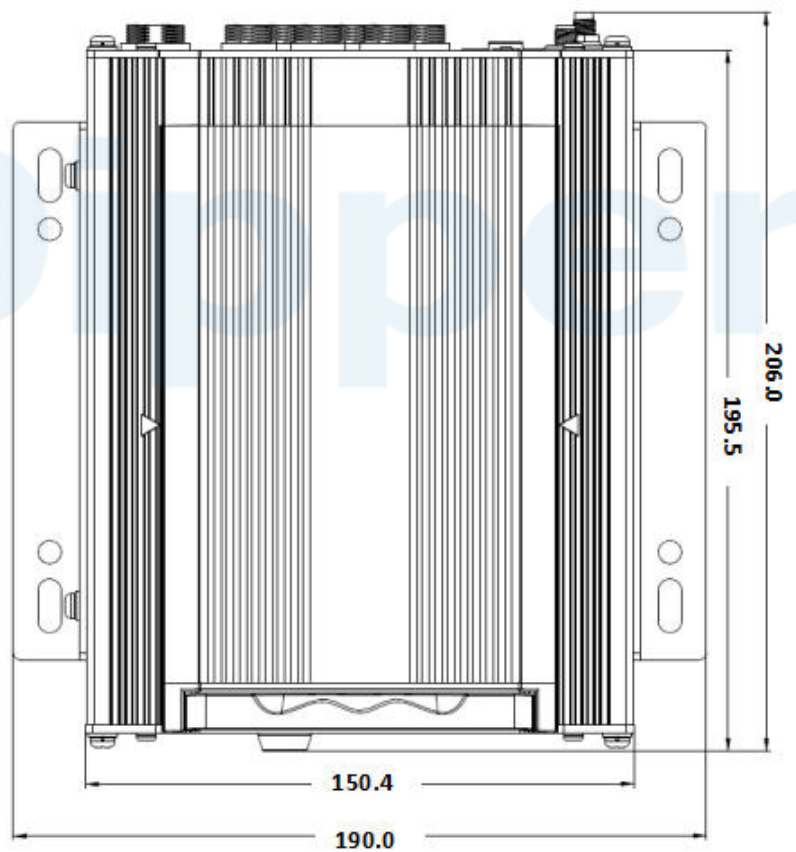


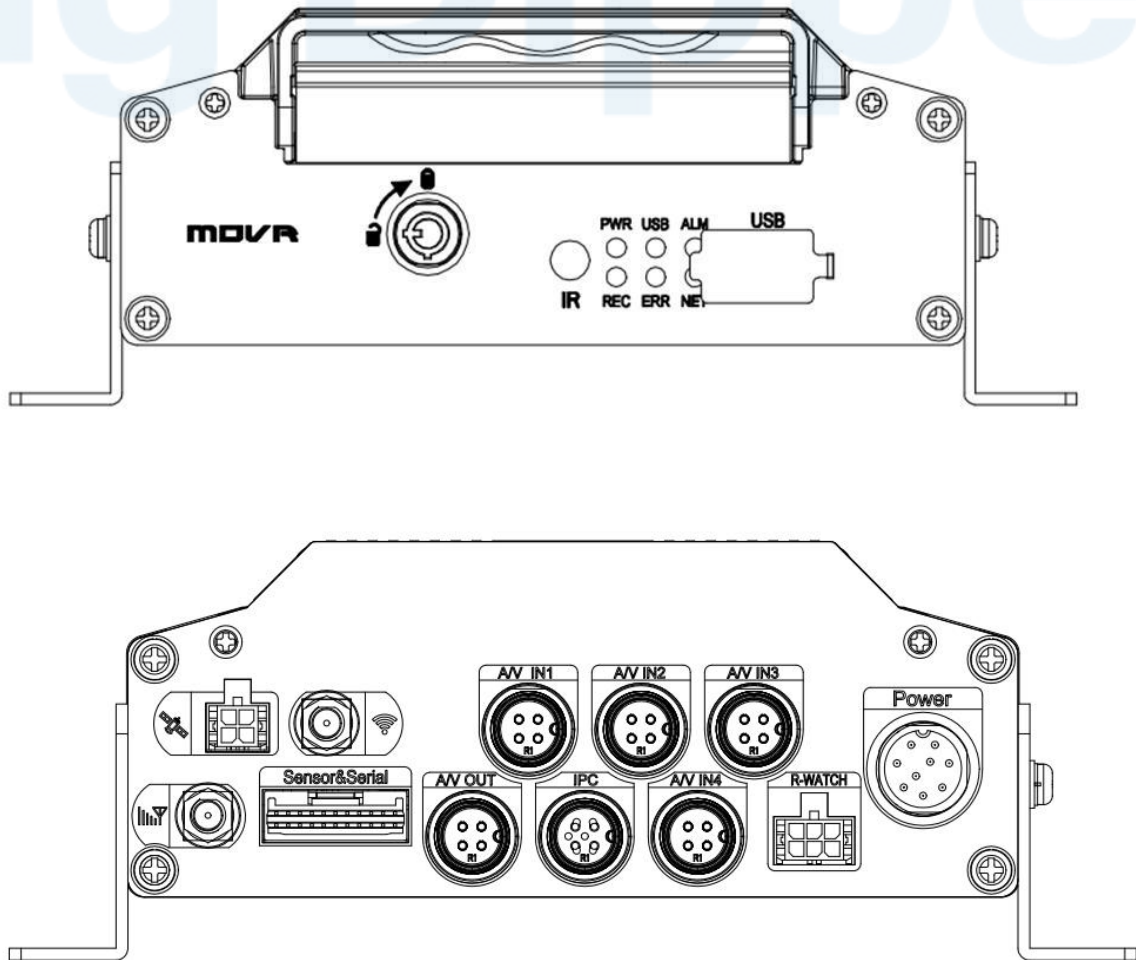
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1. Expected release date July 30th 2021

Alarm Prerecording	0 - 60 min
Alarm Recording Delay	0 - 30 min
Playback	
Playback Channel	1-channel local playback
Search Mode	By date/time, channel, or event
Network	
3G/4G	Supported For North America LTE FDD: B2/B4/B5/B12/B13/B14/B66/B71 WCDMA: B2/B4/B5 For Europe and Asia LTE FDD: B1/B3/B7/B8/B20/B28A WCDMA: B1/B8 GSM: B3/B8 For Latin America LTE FDD: B1/B2/B3/B4/B5/B7/B8/B28 LTE TDD: B40 WCDMA: B1/B2/B5/B8 GSM: B2/B3/B5/B8
WIFI	802.11a/b/g/n/ac
IPC Ethernet	6-pin aviation plug (1 × 100M, PON power supply)
Positioning	
GPS	Positioning, speed detection, and time synchronization GPS L1 1575.42 MHz BDS B1 1561.098MH GAULEO E1B/C1 GLONASS L1OF 1602MHz SBAS: WAAS, EGNOS, MSAS, GAGAN
Sensor	
G-Sensor	Built-in 6-axis inertial sensor
Storage	
Hard Disk	1 × 2.5-inch SATA hard disk
Port	
USB	1 × USB2.0
Serial Port	1 × RS232; 1 × RS485(R-WATCH)
IO	8-channel input and 2-channel output
Speed	1-channel pulse speed detection
Control Panel	CP4 (accessories optional)
Intercom	1 × MIC port
Power Supply	
Input	DC 8 - 36 V
Output	5V@500 mA
Maximum Typical Power Consumption	35 W
Standby Power Consumption	≈ 0 W

Physical Characteristics	
Dimensions (mm)	206.0 × 190.0 × 70.5
Weight (with hard disks) (kg)	1.2
Environment	
Operating Temperature	−40°C to +70°C (heated, without hard disks)
Operating Humidity	8% to 90% (non-condensing)





No.	Silk Screen	Description
1	Power	8-36 V DC power input
2	Sensor&Serial	Serial port and IO port
3	A/V IN 1-4	Analog audio/video input ports 1 to 4
4	A/V OUT	Analog audio/video output port
5	IPC	PON-powered IPC port
6	R-WATCH	R-WATCH port
7		GPS/BD antenna connector
8		3G/4G antenna connector
9		Wi-Fi antenna connector