



Ascent VRX Pro

HD digital FPV video receiver
Walksnail · CADDXFPV · model WN02-FP028



Screw on both antennas before powering on for the first time. Power only from a 2S-6S LiPo battery (7.4-25.2 V). Higher voltage will permanently destroy the receiver.

User manual · based on the manufacturer's original User Manual V1.1 · Rotorama, s.r.o.

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1. Introduction and safety

1.1 Preface

Thank you for choosing the **Walksnail Ascent VRX Pro** high-definition digital FPV video receiver.

This unit serves exclusively as the receiving terminal and must be paired with a **Walksnail Ascent** series airborne VTX transmitter to form a complete video transmission link, designed for real-time HD image reception on racing drones and aerial photography UAVs.

This document fully covers hardware installation, wiring, function configuration and firmware upgrade workflows. Read the entire manual before powering on the unit – incorrect operation can result in permanent hardware damage.

CADDXFPV provides the following supporting documents for the Ascent VRX Pro: *Quick Start Guide* (included as a card) and this *User Manual*. First verify the complete product and accessory packaging, read this manual thoroughly, and then put the unit into operation. Before use, ensure full familiarity with all component functions, operational restrictions and the laws and regulations applicable at the place of operation. More information is available on the official website www.caddxfpv.com.cn.

1.2 Critical safety warnings

Hazards: improper operation may cause hardware damage or safety incidents.

- ① **Strict power supply voltage range: 7.4-25.2 V** (2S-6S LiPo batteries). Never connect 7S or higher lithium batteries, or regulated power supplies exceeding 25.2 V. Overvoltage will permanently burn out the power management chip, and such damage is not covered by the warranty.
- ② **Do not plug/unplug antennas while the unit is powered on!** Unloaded RF operation will destroy the RF chip. Cut all power and wait 30 s for full hardware power-down before installing or removing antennas.
- ③ **Do not block the chassis cooling vents.** Poor heat dissipation during prolonged high-load operation triggers overheat protection, signal packet loss and, in severe cases, irreversible chip damage.
- ④ This receiver is compatible **only with Walksnail Ascent series VTX transmitters**; cross-series hardware cannot establish a video link.
- ⑤ This device is classified as **radio equipment** (it receives and transmits). Comply with the radio regulations applicable at the place of operation (see chapter 7.3). Unauthorised hardware modification, RF power boosting and operation within restricted zones or frequency bands are prohibited.
- ⑥ Do not operate the unit outdoors in rainy, high-humidity or coastal salt-spray environments without protective casing. Moisture ingress will cause

motherboard short-circuiting and corrosion.

1.3 General usage precautions

- ① Prior to operation, fully understand and abide by all regulations applicable at the place of operation. Users running modified or cracked firmware or operating on bands they are not licensed for may face legal penalties.
- ② This product requires FPV operational knowledge. Users must possess basic hands-on skills and safety awareness, and operate the hardware in full compliance with the manufacturer's instructions.
- ③ When Standby Mode is enabled and the drone flight controller (FC) is disarmed, maximum transmit power for both VTX and VRX is capped at 110 mW.
- ④ The VRX supports up to 3 operating channels, with configurable bandwidth options: 5 MHz, 10 MHz or 20 MHz.
- ⑤ For stable performance, always upgrade both VTX and VRX to the latest matching firmware version before initial use (chapter 5).

✳ **110 mW as well as the higher power levels in the menu exceed the limit applicable in the Czech Republic. See chapter 7.3.**

1.4 Power battery

The receiver is powered from an external 2S–6S LiPo battery, which is **not included**. Connect a **fully charged** battery before operation. Stop operation at 3.5 V per cell at the latest – the receiver's low-voltage OSD warning responds to the same value.

Battery	Fully charged	Stop operation	Storage
2S LiPo	8.4 V	7.0 V	7.6 V
3S LiPo	12.6 V	10.5 V	11.4 V
4S LiPo	16.8 V	14.0 V	15.2 V
5S LiPo	21.0 V	17.5 V	19.0 V
6S LiPo	25.2 V	21.0 V	22.8 V
per cell	4.20 V	3.5 V	3.8 V

- **LiHV** batteries (4.35 V/cell) may only be used up to 5S (fully charged 5S LiHV = 21.75 V). A fully charged **6S LiHV has 26.1 V**, which exceeds the maximum supply voltage of 25.2 V – **do not use it**.
- Charge the battery only with a charger designed for LiPo cells, under supervision and on a non-flammable surface. Do not use a damaged, swollen or overheated battery.
- When not in use for a longer period, disconnect the battery from the receiver and store it at storage voltage.

2. Product description

2.1 Product overview

The Walksnail Ascent VRX Pro is a professional-grade next-gen HD digital FPV receiver developed by CADDXFPV. It features upgraded dual circularly polarised diversity receive antennas with 97% radiation efficiency and 2 dBi average gain, delivering a maximum transmission distance of 8 km in open line-of-sight environments. Supporting full-spec high-resolution, high-frame-rate video decoding paired with an optimised proprietary transmission protocol, it drastically improves anti-interference performance and delivers ultra-low latency.

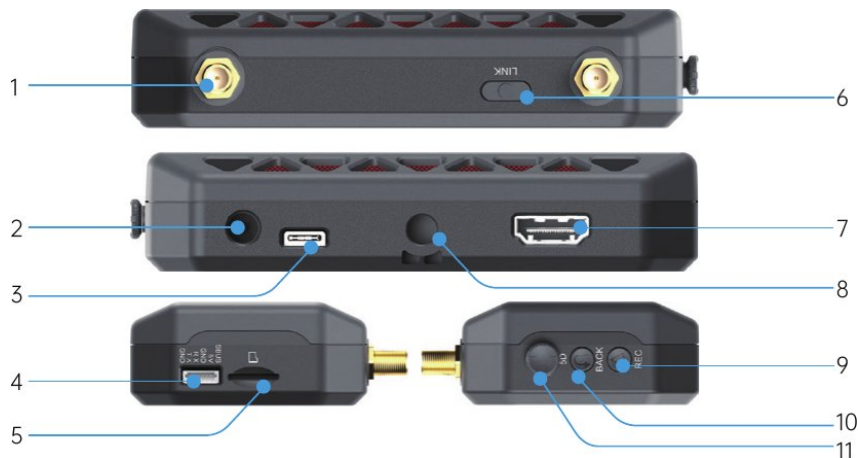
✳ **The actual range depends on the set transmit power, which is limited in the Czech Republic (chapter 7.3), and on the environment.**

2.2 Package contents

Inspect all included accessories immediately after unboxing. Contact your dealer if any items are missing, damaged or defective.

Item	Qty	Description
Ascent VRX Pro	1	video receiver
Red Bird Pro antenna	2	dual 5.8 GHz antennas for stable video signal reception
HDMI cable	1	transmits the lossless decoded HD video signal from the VRX HDMI OUT to FPV goggles, monitors or televisions – one end to the receiver HDMI OUT port, the other to the display HDMI input port
1-to-2 DC power splitter cable	1	delivers lithium battery power to the receiver – one terminal to the battery, the DC plug to the receiver power port
3M double-sided adhesive tape	1	—
Quick operation guide card	1	<i>Quick Operation Guide</i>

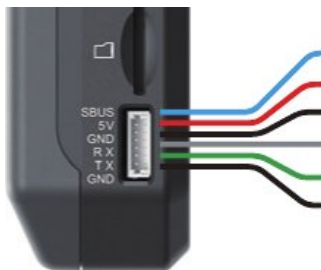
2.3 Product hardware layout



Product hardware layout

- 1. Dual RP-SMA antenna ports** – dual diversity receive ports, compatible with LHCP antennas, operating frequency band 5.725–5.829 GHz.
- 2. DC power input port (5.5 × 2.1 mm)** – primary power supply interface, rated for 7.4–25.2 V DC.
- 3. USB-C port** – PC-connected firmware upgrades, system log export and temporary debug power supply (not suitable for power input during flight).
- 4. Serial passthrough port** – flight controller (FC) linkage, serial command control and peripheral expansion.
- 5. Micro SD card slot** – stores flight recordings and offline upgrade firmware files; maximum 256 GB, exFAT format.
- 6. LINK bind button** – initiates transmitter-receiver pairing mode.
- 7. HDMI OUT port** – standard high-definition video output for FPV goggles and external monitors.
- 8. Bottom 1/4" standard tripod thread** – mounting point for tripods and monitor brackets.
- 9. REC button** – toggles local onboard video recording start/stop.
- 10. BACK button** – exits menu levels and resets the HDMI output; when held, also resolves high-frame-rate HDMI compatibility issues.
- 11. 5-way navigation joystick (5D)** – full menu control: navigate the menu cursor with directional inputs; press the centre to confirm selections and save configuration changes.

2.4 Serial port and pin definition



Serial port (SH 1.0 mm connector, 6 pins)

Wire	Signal	Function
blue	SBUS	receives the remote controller SBUS signal
red	5V Out	stable 5 V power output for low-voltage peripherals and signal modules
black	GND	common ground reference
grey	UART RX	VRX receives flight controller (FC) data (flight voltage, attitude, arm status, etc.) for the OSD overlay
green	UART TX	VRX transmits internal device status data to the flight controller (FC)
black	GND	common ground reference

2.5 Button functions

Button	Function
LINK	short press – binding mode; long press – firmware upgrade mode (chapter 5.1)
5D (joystick)	up / down / left / right – move the menu selection frame; short press of the centre key – confirm or cancel the selection
BACK	short press – return to the previous menu or active mode; hold for 8 s – reset the HDMI output to 720p 60 fps
REC	press – start or stop video recording

3. Installation and wiring

3.1 Antenna installation

VRX signal reception sensitivity, maximum transmission range and signal stability directly depend on proper antenna installation. Follow the steps below strictly:

- ① Fully power down the VRX unit and disconnect the DC power cable completely.
- ② Remove the included Red Bird Pro LHCP antennas from the packaging.
- ③ Align each antenna with an RP-SMA antenna jack on the top of the chassis and twist clockwise by hand with moderate torque to secure. Avoid over-tightening to prevent thread slipping and RF connector damage.
- ④ After installation, adjust the angle of both antennas to minimise signal interference and blind zones.



*Installing the antennas on the
RP-SMA ports*

Never power on the VRX without fully installed antennas. Plugging/unplugging antennas while powered on will burn the RF module due to unloaded operation.

- Avoid squeezing or bending the antenna rods during storage; impact damage to the RP-SMA internal pins causes single-side receive failure.
- The included Red Bird Pro antennas deliver 2 dBi average gain. Third-party replacement antennas must support the 4.9–7.0 GHz frequency band with LHCP polarisation; otherwise the rated range cannot be achieved.

3.2 Connecting the receiver to display devices

Complete connections in the following exact order to prevent short circuits and hardware damage.

- ① **Micro SD card (optional)** – with the unit fully powered off, insert an exFAT-formatted Micro SD card into the slot on the side of the chassis. Maximum supported capacity is 256 GB; skip this step if recording is not required.



Inserting the Micro SD card

- ② **HDMI video connection** – plug one end of the supplied HDMI cable into the chassis HDMI OUT port and connect the opposite end to the HDMI IN input of your FPV goggles, monitor or television.



Wiring: DC – battery, HDMI – monitor or FPV goggles

- ③ **Final power connection** – insert the 5.5 × 2.1 mm male plug of the 1-to-2 DC splitter cable into the receiver DC power port, then connect the other end to a 2S–6S LiPo battery (7.4–25.2 V). The unit powers on.

► Wiring notes

- Inferior HDMI or DC power cables introduce excessive voltage drop, resulting in random unit restarts and flickering video feed.
- Do not connect 7S+ lithium batteries or power supplies over 25.2 V to the DC port – overvoltage will destroy the power chip instantly.
- The USB-C port is only intended for PC firmware upgrades and temporary debug power. Always use the DC input for power during flight operation.
- Always short-press the REC button to stop recording before powering off the unit. Power loss during recording corrupts the MP4 file and renders it unplayable.
- Micro SD cards have limited write-cycle lifespans. Back up critical footage to a computer promptly and format the card regularly in the receiver menu.

4. Binding and status indication

4.1 Binding with the VTX

Complete this pairing process when using the hardware for the first time, when switching to a new VTX transmitter or after restoring factory settings.

- ① **Pre-operation hardware check** – both VRX antennas are fully tightened, the HDMI display device is connected and functional, the airborne VTX antennas are securely mounted, and both VRX and VTX are powered off.
- ② **Sequential power-on** – first connect DC power to the VRX and wait for its self-test beep sequence to complete; then power on the airborne VTX and wait for its startup self-test to finish.
- ③ **Activate pairing mode** – short-press the VRX LINK button and the VTX bind button simultaneously. The VRX beeps intermittently (pairing search), the VTX LED turns solid red.
- ④ **Successful pairing** – the VRX stops beeping, the VTX LED switches to solid green and the connected display outputs the live HD video feed with OSD battery voltage and channel data.
- ⑤ **Link retention** – once paired, VRX and VTX reconnect automatically on subsequent power cycles. Repeat the full pairing procedure when swapping to a new VTX.

► Notes

- Do not operate the 5D joystick, REC or BACK buttons during pairing – this will terminate the binding process.
- If the *Hop* frequency hopping function is enabled in the channel menu, manual channel switching is disabled. Disable frequency hopping before pairing and re-enable it after binding as needed.

4.2 Buzzer status

Status	VRX buzzer
Link state	DI.... DI.... DI.... DI....
Upgrading firmware	DI..... DI..... DI..... DI—
Upgrade failed (no SD card or firmware detected)	DI.. DI.. DI.. DI..
Boot failure (reboot or re-upgrade)	DI.. DI..... DI.. DI.....

5. Firmware upgrade

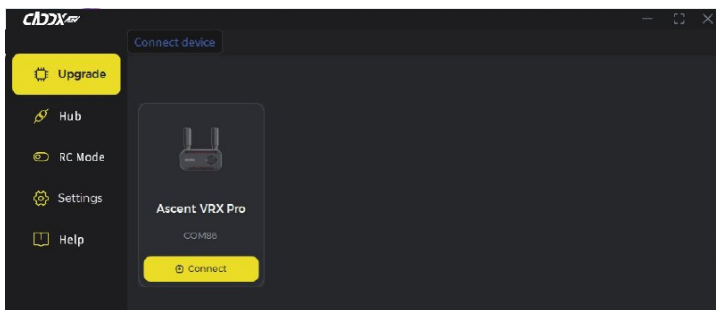
Always upgrade both VRX and VTX synchronously to matching firmware versions to eliminate protocol compatibility errors.

5.1 Offline upgrade via Micro SD card

- ① Download the VRX firmware file from the official download centre: www.caddxfpv.com/pages/download-center.
- ② Copy the unmodified firmware file directly to the root directory of the SD card – do not rename the file or store it in a subfolder.
- ③ Insert the SD card into the VRX slot and connect stable DC power to the receiver.
- ④ Hold the LINK button for 15 s; the unit restarts and enters automatic firmware upgrade mode with continuous long buzzer tones.
- ⑤ The upgrade takes approximately 60 s – do not cut power or press any buttons during the entire procedure.
- ⑥ A continuous 5-second buzzer tone signals successful completion; the unit restarts automatically.
- ⑦ After upgrading, execute *Restore Factory Defaults* in the settings menu.

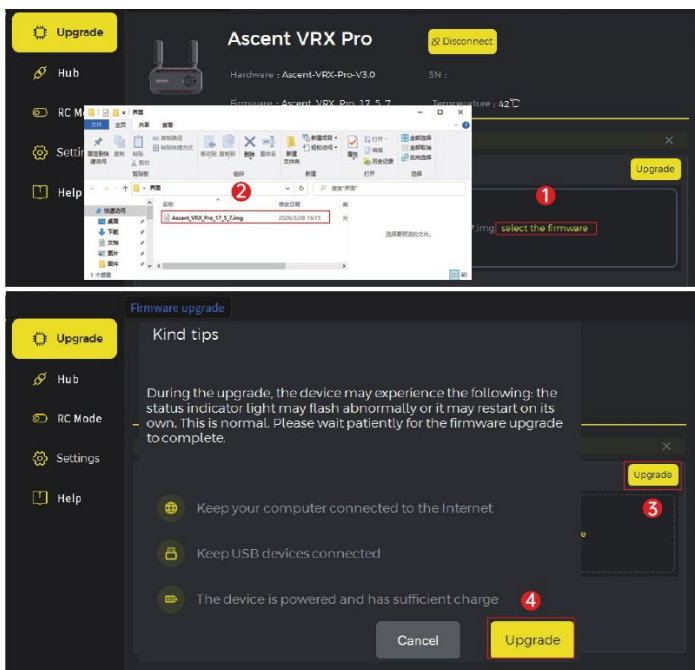
5.2 USB PC tool upgrade

- ① Download the latest matching firmware file via the official CADDX channels: www.caddxfpv.com/pages/download-center.
- ② Connect the VRX to a computer with a USB-C data cable and supply DC power to the receiver at the same time.
- ③ Launch the *Caddx_PC_Tool* upgrade software; the program automatically detects the connected Ascent VRX Pro.



Caddx_PC_Tool – connecting the device (Connect)

- ④ Select the downloaded firmware file in the software (① select the firmware, ② file selection) and start flashing with the *Upgrade* button (③, ④).



Selecting the firmware file and starting the upgrade

- ⑤ Wait for the progress bar to complete fully. Disconnect the USB cable and power supply only after the software displays the upgrade success notification.



Upgrade completed successfully

Important: power disconnection mid-upgrade (via either the SD card or the USB PC tool) will corrupt the firmware and may render the device unbootable.

6. On-screen interface and menu

6.1 Main live FPV OSD interface

After successful VTX-VRX pairing and startup, the connected display outputs a live video feed with OSD status data along the bottom and side edges. Each OSD element is described below:

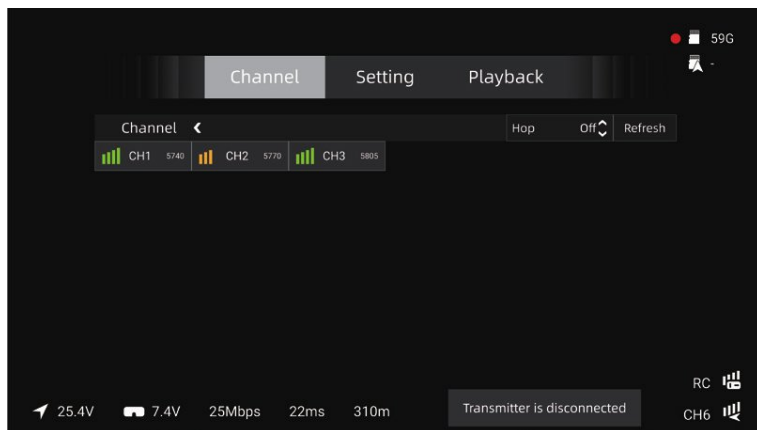


Main screen with OSD elements

- ① **VTX input voltage** – VTX supply voltage; 2S, 3S, 4S and 6S LiPo batteries are identified automatically. When the voltage drops below 3.5 V per cell, the value is shown in red.
- ② **VRX input voltage** – receiver supply voltage; 2S, 3S, 4S and 6S LiPo batteries are identified automatically. Below 3.5 V per cell the value is shown in red and the buzzer sounds.
- ③ **Real-time transmission bitrate** – current bitrate in Mbps.
- ④ **Latency** – total delay from image capture by the VTX camera to reception at the ground end.
- ⑤ **Ranging** – VRX-to-VTX distance calculated from the wireless transmission delay; signal interference amplifies the error.
- ⑥ **Status prompt** – text information that needs attention in the current state.
- ⑦ **Current channel** – the set channel; the signal indicator has 5 states: 4, 3, 2, 1 bars and blank.
- ⑧ **Remote controller signal status** – 5 states: 4, 3, 2, 1 bars and no bar. The icon is hidden when no remote controller signal is detected.
- ⑨ **VRX SD card status** – status and remaining capacity of the card. The red circle flashes while recording; no card: *NO SD*, full card: *“-”*.

6.2 Menu tab: Channel

Open the top navigation menu with the 5D joystick and switch to the *Channel* tab for channel scanning and manual frequency switching.

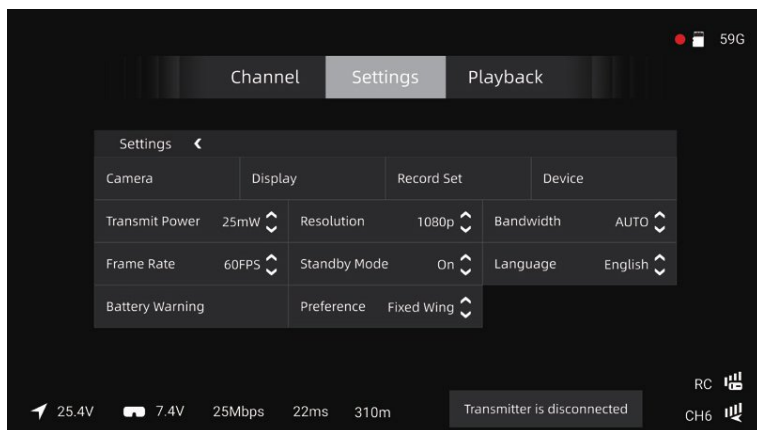


Channel tab

- ① **Channel list** – displays the interference status of each channel; signal strength is shown as 4, 3, 2, 1 bars or empty. An empty indicator means the channel is occupied and cannot be selected. The white outline is the selection box. Press the confirm button to highlight a channel – the highlighted channel is the current one.
- ② **Frequency hopping (Hop)** – when enabled, the receiver automatically selects the channel with the least interference. Manual channel switching is not available in this mode.
- ③ **Refresh** – re-scans all channels and updates their interference status.

6.3 Menu tab: Settings

The *Settings* tab contains all adjustable parameters, split into four sub-categories: *Camera*, *Display*, *Record Set* and *Device*. The master parameters for quick setup are at the top of the menu.



Settings tab

► Master parameters (top of the menu)

- ① **Transmit Power** – airborne VTX RF output: 25 mW / 100 mW / 200 mW / 500 mW / 1 W / 1 W Auto / 2.5 W / 2.5 W Auto / 4 W / 4 W Auto / 5 W / 5 W Auto.

*** In the Czech Republic a VTX in the 5.8 GHz band may transmit at most 25 mW e.i.r.p. – set 25 mW. The user is responsible for the power setting (chapter 7.3).**

- ② **Resolution** – HDMI output resolution: 720p / 1080p.
- ③ **Bandwidth** – RF transmission bandwidth: 5 MHz / 10 MHz / 20 MHz / Auto (selected automatically according to environmental interference).
- ④ **Frame Rate** – output frame rate: 50 / 60 / 100 / 120 fps; higher frame rates deliver smoother motion.
- ⑤ **Standby Mode** – caps VTX/VRX transmit power to low wattage while the flight controller (FC) is disarmed; the cap is removed automatically after arming. Disable this feature if no flight controller serial connection is used.
- ⑥ **Language** – interface language: Chinese / English.
- ⑦ **Battery Warning** – low-voltage alarm: buzzer alert source (goggle only / transmitter only / both devices / disabled); cell count (auto detect / 2S / 3S / 4S / 5S / 6S); customisable cell voltage threshold for the alert.
- ⑧ **Preference** – two operating presets: *Low Latency* (racing multirotors) and *Fixed Wing* (fixed-wing aircraft).

► Camera - VTX image quality

- ① **Scene preset** – *Standard* / *Racing*: for aerial photography and racing drones respectively.
- ② **Exposure** – EV-0 / EV±0.3: balances brightness for bright and low-light environments.

- ③ **Saturation** – Auto / 1-10; higher values produce richer colours, Auto adapts to ambient lighting.
- ④ **Sharpness** – Auto / 1-10; higher values increase edge definition, Auto adapts to frame content.
- ⑤ **Contrast** – Auto / 1-10; higher values widen the light/dark range, Auto optimises shadow and highlight detail.
- ⑥ **White balance** – automatic, or manual in the range 4000-7000 K.
- ⑦ **Image rotation** – 0° / 180° (for inverted camera mounting).
- ⑧ **Aspect ratio** – locked to 16:9, compatible with all mainstream monitors and FPV goggles.
- ⑨ **3D noise reduction** – Auto / Low / Medium / High / Disabled; higher settings deliver cleaner video with a mild softness trade-off.

► Display - HDMI and OSD

- ① **Debug info** – shows low-level diagnostic data (RF signal, chip temperature, etc.) for troubleshooting; disable for regular flight.
- ② **Screen brightness** – HDMI output brightness for outdoor and indoor viewing.
- ③ **Focus aids** – centre-frame marker for easier framing of the subject.
- ④ **OSD source** – flight controller (FC) OSD data source: Auto Detect / Betaflight / INAV / ARDU / FTTC / KISS / QUIC / Disabled.
- ⑤ **OSD positioning** – free placement of telemetry overlays (voltage, distance, bitrate, etc.) so they do not block the view.
- ⑥ **Font upgrade** – local or online refresh of the OSD font library.
- ⑦ **Custom font import** – upload a custom OSD font file.
- ⑧ **Frame guide adjustment** – position and size of the framing border (*Move / Zoom / Left Shift / Right Shift / Up Shift / Down Shift*).
- ⑨ **Frame guide toggle** – enables/disables the composition framing border.
- ⑩ **Goggle icon style** – 3 icon presets or hidden.

► Record Set - recording

- ① **Video capture configuration.**
- ② **Recording target** – sync recording / airborne VTX only / ground VRX only.
- ③ **Auto record** – starts recording on Arm and stops on Disarm (requires flight controller link); can be enabled or disabled.
- ④ **Loop recording** – sync / VTX only / VRX only / disabled; the oldest footage is overwritten once storage is full.
- ⑤ **Format VRX SD card** – erases all video and data on the receiver Micro SD card – back up footage first.
- ⑥ **Format VTX storage** – wipes all footage in the airborne VTX internal memory.
- ⑦ **Single clip duration** – 5 min / 10 min / 30 min / unlimited (until storage is full).

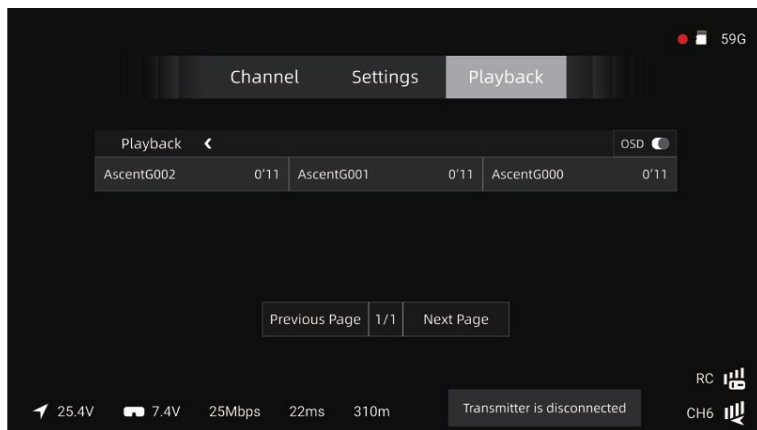
- ⑧ **Post-disarm recording delay** – 0-10 s in 1 s steps; prevents loss of the last footage when landing.

► Device

1. **Buzzer volume** – 1-10.
2. **Distance readout** – enables/disables the distance overlay and audio alerts.
3. **Signal loss alert** – popup warning / buzzer / disabled.
4. *Restore Factory Defaults* – resets all receiver settings to factory values (with confirmation); all user settings are erased.
5. **Reset VTX defaults** – restores all airborne VTX settings to factory presets.
6. **Firmware info** – VRX and VTX firmware versions and hardware revision, for version matching and fault diagnosis.
7. **Built-in operation guide** – concise reference for basic operation.
8. **VRX recording bitrate** – 2M / 5M / 10M / 15M / 20M / 30M / 40M / 50M; higher bitrates yield better quality at the cost of more storage.
9. **Anti-flicker** – mitigates horizontal banding caused by artificial lighting.
10. **VRX UART serial mode** – protocol for flight controller (FC) communication: *ELRS Passthrough / Command Mode / MAVLink*.
11. **Antenna diversity** – receive prioritisation and operating mode of the dual antenna system.
12. **UVC USB video output** – enables/disables USB video streaming; the receiver then acts as a USB camera for external devices.

6.4 Menu tab: Playback

The *Playback* tab lets you browse, preview and manage MP4 video files stored on the Micro SD card.



Playback tab

- ① **Recording file list** – all video files sorted chronologically with clip duration; navigate pages via *Previous Page* / *Next Page*.
- ② **OSD overlay toggle** – enables/disables telemetry overlay (voltage, distance, bitrate, flight controller OSD) on playback.
- ③ **Batch file management** – long-press the joystick centre in the list to open multi-selection: delete selected / select all / deselect all. Short-press BACK to exit.
- ④ **Playback controls** – select a clip and short-press the joystick centre: play / pause; joystick left / right: rewind / fast-forward.

► Supplementary notes

- All menu navigation relies on the 5D joystick (directional navigation, centre confirm) and the BACK button (exit menu hierarchy).
- All modified menu parameters save automatically and persist through power cycles. Restore Factory Defaults erases all personalised configuration permanently.
- Footage is encoded as H.264 MP4 files on exFAT-formatted Micro SD cards, maximum 256 GB.

7. Specifications and radio operation

7.1 Specifications

Parameter	Value
Name	Ascent VRX Pro
Model	WN02-FP028
Communication frequency	5.725–5.829 GHz
Transmitter power (EIRP)	CE: < 14 dBm (FCC/SRRC: < 30 dBm)
I/O interface	HDMI, Micro SD, DC 5.5 × 2.1 mm, SH 1.0 mm 6-pin, USB-C
HDMI out	1080p 50/60/100/120 fps, 720p 50/60/100/120 fps
Power input	7.4–25.2 V DC
SD card	Micro SD up to 256 GB
System	Ascent HD
Bandwidth	5 MHz / 10 MHz / 20 MHz / Auto
Menu OSD recording	supported
Recording file system	exFAT
Recording format	MP4 (H.264)
Weight	140 g
Dimensions	114.5 × 64 × 24 mm (without antennas)

7.2 Red Bird Pro antenna

Parameter	Value
Name	Red Bird Pro
Polarisation	left-hand circular (LHCP)
Bandwidth	5.725–5.829 GHz
Average gain	2 dBi
Connector	RP-SMA (2 pcs included)
Dimensions	56.3 mm × ø 16.5 mm
Weight	7 g

7.3 Frequencies, transmit power and operation in the Czech Republic

Directive 2014/53/EU (RED) applies in all member states of the European Union, but the conditions of frequency use – permitted bands and maximum transmit powers – are set by each state and differ. The information in this chapter describes the situation in the Czech Republic. If you operate the device in another country, **you must comply with the regulations of the country in which you operate it.**

Band	Limit in CZ	Regulation
5725–5875 MHz	25 mW e.i.r.p.	ČTÚ, general authorisation VO-R/10, art. 3, letter k)

- The receiver operates in the 5.725–5.829 GHz band; according to the manufacturer its maximum transmit power for the EU market (CE) is below 14 dBm e.i.r.p. (approx. 25 mW).
- The transmit power of the airborne VTX is set in the receiver menu (*Transmit Power*) in the range 25 mW to 5 W. **In the Czech Republic the VTX may transmit at most 25 mW e.i.r.p.** Set 25 mW also when Standby Mode is enabled.
- **The user is responsible for the transmit power setting and for compliance with the operating conditions.** Outside the Czech Republic, the limits of the respective country apply.
- Operating a drone with a camera is further governed by Regulations (EU) 2019/947 and 2019/945 and by the national regulations of the country of operation (operator registration, operating category, geographical zones).

7.4 Manufacturer support

CADDXFPV technical support: www.caddxfpv.com.cn/service, e-mail support@caddxfpv.com. The latest version of the original manual is available on the manufacturer's website.

Manufacturer	Caddx Technology (Shenzhen) Co., Ltd. (CADDXFPV)
Address	13F Minrray Building, Ganli Industrial Park, Bulan Road, Longgang District, Shenzhen, Guangdong, China
E-mail	support@caddxfpv.com

8. Information for the EU and Czech Market

8.1 Importer and responsible person in the EU

The product is placed on the European Union market by the importer stated below, who is at the same time the responsible person within the meaning of Article 16 of Regulation (EU) 2023/988 of the European Parliament and of the Council on general product safety (GPSR).

Importer / responsible person in the EU	Rotorama, s.r.o.
Company ID (IČO)	051 57 692
VAT ID (DIČ)	CZ05157692
Registered office	Okrajová 1351, 674 01 Třebíč, Czech Republic
E-mail	info@rotorاما.cz
Phone	+420 252 252 098
Website	www.rotorاما.cz

8.2 Product conformity



- The product bears the **CE** marking and complies with the requirements of the applicable European Union harmonisation legislation.
- A copy of the **EU Declaration of Conformity** is available from the importer at the address stated above or at the e-mail address info@rotorاما.cz.
- **Product identification:** the type designation (Ascent VRX Pro, model WN02-FP028) and the serial number are given on the rating label of the device; the firmware version can be found in *Settings* → *Device*.

8.3 Disposal of electrical equipment



- The crossed-out wheeled bin symbol on the product, its packaging or in the documentation means that at the end of its service life the product **must not be disposed of together with mixed municipal waste**.
- Hand it over at a take-back point for electrical equipment – at a collection yard, at a take-back point of a collective system, or at the retailer when purchasing a new equivalent product. Take-back is free of charge for the end user.
- The obligations under Act No. 542/2020 Coll., on end-of-life products, are fulfilled by the importer through a collective take-back system.
- Proper disposal helps prevent negative impacts on the environment and human health and contributes to the reuse of secondary raw materials.

Through its contractual partner **ASEKOL a.s.**, the company ensures the take-back of waste electrical equipment from households and the separate collection of waste electrical equipment, batteries and accumulators in accordance with the applicable legislation. The customer is entitled to hand over old electrical equipment or a battery or accumulator at any collection point of the above contractual partner. The addresses of these take-back points are listed at www.asekol.cz, www.ecobat.cz and also <https://visoh2.mzp.cz/RegistrMistZO/RegistrMistZOPublic/MapaMistZpetOdberu>.

9. Warranty and rights arising from defective performance

The rights and obligations of the contracting parties are governed by Czech law, in particular by Act No. 89/2012 Coll., the Civil Code, and Act No. 634/1992 Coll., on consumer protection.

- The seller is liable to the buyer for the product being free of defects on receipt. If the buyer is a consumer, a defect may be notified **within two years of receipt** of the product (Section 2165 of the Civil Code).
- If a defect appears within **one year** of receipt, the product is deemed to have been defective already at the time of receipt (Section 2161(5) of the Civil Code).
- When purchasing online, a consumer has the right to **withdraw from the contract within 14 days** of receiving the goods without giving a reason (Section 1829 of the Civil Code).
- Claims should be made with the retailer from whom you purchased the product. The importer's contact details are given in Chapter 8.1.
- The competent body for out-of-court settlement of consumer disputes is the **Czech Trade Inspection Authority**, Štěpánská 796/44, 110 00 Prague 1, www.coi.cz.