

LEVENHUK FC300/FC400 TRAIL CAMERA

EN User Manual

BG Ръководство за потребителя

CZ Návod k použití

DE Bedienungsanleitung

ES Guía del usuario

HU Használati útmutató

IT Guida all'utilizzo

PL Instrukcja obsługi

PT Manual do usuário

RU Инструкция по эксплуатации

TR Kullanım kılavuzu

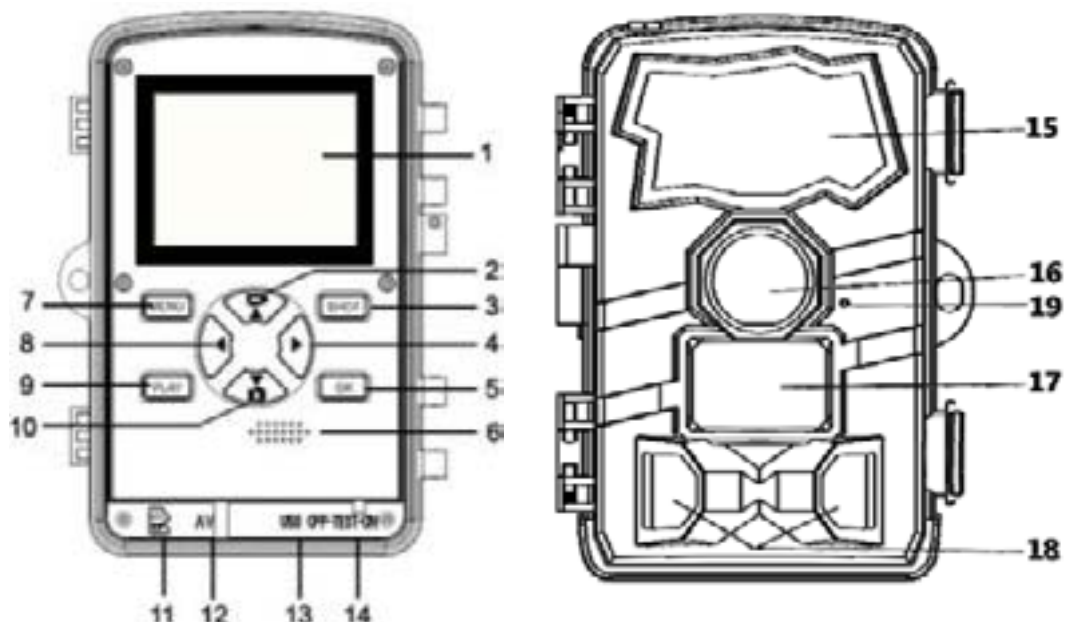


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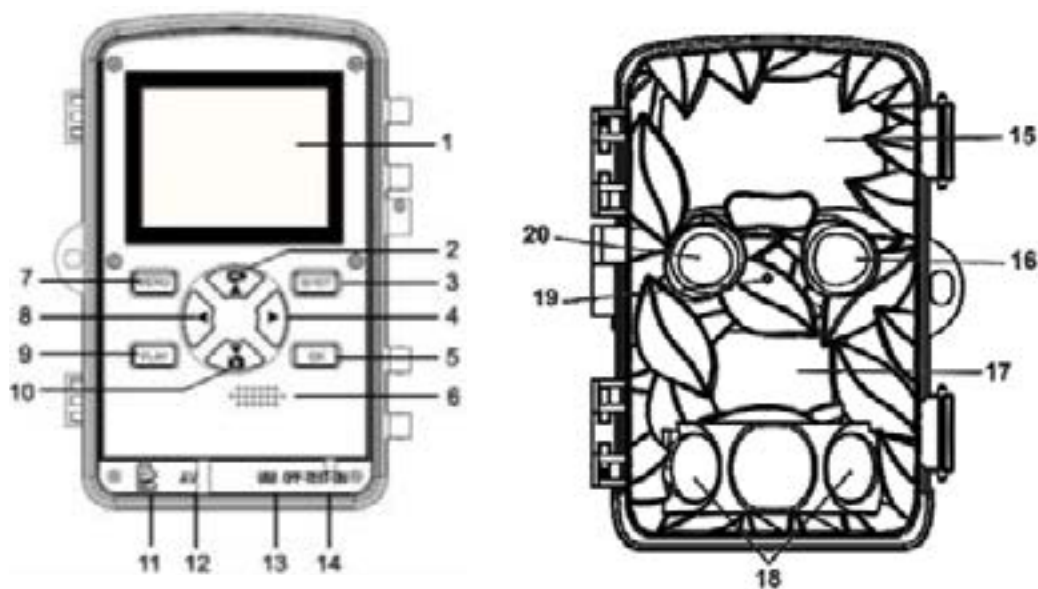
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Zoom&Joy

FC300



FC400



EN	BG	CZ	DE	ES	HU
1 LCD screen	Течнокристален екран	LCD obrazovka	LCD-Display	Pantalla LCD	LCD-kijelző
2 Up/Video button	Бутон Нагоре/ Видеозапис	Tlačítko Nahoru/Video	Nach oben / Videotaste	Botón Arriba/Video	Fel/Videó gomb
3 SHOT button	Бутон SHOT (Заснемане)	Tlačítko SHOT (Snímek)	SHOT-Taste (Auslöser)	Botón SHOT (Disparar)	SHOT (Felvétel) gomb
4 Right button	Бутон Надясно	Tlačítko Doprava	Rechtstaste	Botón derecho	Jobbra gomb
5 OK button	Бутон ОК	Tlačítko OK	OK-Taste	Botón OK	OK gomb
6 Speaker	Високоговорител	Reproduktor	Lautsprecher	Altavoz	Hangszóró
7 MENU button	Бутон MENU (Меню)	Tlačítko MENU (Nabídka)	MENU-Taste (Menü)	Botón MENU (Menú)	MENU (Menü) gomb
8 Left button	Бутон Наляво	Levé tlačítko	Linkstaste	Botón izquierda	Balra gomb
9 PLAY button	Бутон PLAY (Възпроизвеждане)	Tlačítko PLAY (Přehrávání)	PLAY-Taste (Wiedergabe)	Botón PLAY (Reproducción)	PLAY (Lejátszás) gomb
10 Down/Photo button	Бутон Надолу/Снимка	Tlačítko Dolů/Foto	Nach unten / Fototaste	Botón Abajo/Foto	Le/Fénykép gomb
11 microSD card slot	Слот за microSD карта	Slot pro kartu microSD	microSD- Kartensteckplatz	Ranura para tarjeta microSD	Micro-SD- kártyafoglat

12	AV port	AV порт	Port AV	AV-Port	Puerto AV	AV-port
13	USB port	USB порт	USB port	USB-Port	Puerto USB	USB-port
14	Power/Mode button	Бутон Захранване/ Режим	Tlačítko Napájení/Režim	Ein/Aus/Modustaste	Botón de encendido/modo	Főkapcsoló/ Üzem mód gomb
15	IR LEDs	Инфрачервени светодиоди	IR (infračervené) LED osvětlení	IR-LEDs	Lámparas LED de infrarrojos	IR LED-lámpák
16	Objective lens	Обектив	Objektiv	Objektiv	Objetivo	Objektív
17	Front PIR sensor	Преден PIR датчик	Přední snímač PIR	Vorderer PIR-Sensor	Sensor PIR frontal	Elülső PIR-érzékelő
18	Side PIR sensor	Страничен PIR датчик	Boční snímač PIR	Seitlicher PIR-Sensor	Sensor PIR lateral	Oldal PIR-érzékelő
19	Indicator light	Светлинен индикатор	Kontrolka indikátoru	Anzeige-LED	Luz indicadora	Jelzőlámpa
20	Night camera*	Нощна камера*	Noční kamera*	Nachtsichtkamera*	Cámara nocturna*	Éjszakai kamera*

* Only for FC400 models * Само за модели FC400 * Pouze pro modely FC400 * Nur für Modelle FC400 * Solo para los modelos FC400 * Csak a FC400 modelleknél

	IT	PL	PT	RU	TR
1	Schermo LCD	Wyświetlacz LCD	Ecrã LCD	ЖК-экран	LCD ekran
2	Pulsante Su/Video	Przycisk W górę/Film	Botão Para cima/Video	Кнопка «Вверх/Видео»	Yukarı/Video düğmesi
3	Pulsante SHOT (Scatta)	Przycisk SHOT (Ustaw)	Botão SHOT (Obturador)	Кнопка SHOT (Спуск затвора)	SHOT (Obturator) düğmesi
4	Pulsante freccia destra	Przycisk W prawo	Botão Para a direita	Кнопка «Вправо»	Sağ düğme
5	Pulsante OK	Przycisk OK	Botão OK	Кнопка OK	OK düğmesi
6	Altoparlante	Głośnik	Altifalante	Динамик	Hoparlör
7	Pulsante MENU (Menü)	Przycisk MENU (Menu)	Botão MENU (Menu)	Кнопка MENU (Меню)	MENU (Menü) düğmesi
8	Pulsante freccia sinistra	Przycisk W lewo	Botão Para a esquerda	Кнопка «Влево»	Sol düğme
9	Pulsante PLAY (Riproduci)	Przycisk PLAY (Odtwarzanie)	Botão PLAY (Reprodução)	Кнопка PLAY (Воспроизведение)	PLAY (Oynat) düğmesi
10	Pulsante Giù/Foto	Przycisk W dół/Zdjęcie	Botão Para baixo/ Fotografia	Кнопка «Вниз/Фото»	Aşağı/Fotoğraf düğmesi
11	Slot per microSD	Gniazdo karty pamięci microSD	Ranhura de cartão microSD	Разъем для microSD карты	MicroSD kart yuvası
12	Porta AV	Gniazdo AV	Porta AV	AV-разъем	AV bağlantı noktası
13	Porta USB	Gniazdo USB	Porta USB	USB-разъем	USB bağlantı noktası
14	Pulsante On/Off/Modalità	Przycisk zasilania/trybu	Botão Ligar/Desligar/Modos	Кнопка включения / переключения режимов	Güç/Mod düğmesi
15	LED IR (infrarossi)	Diody LED podczerwieni	LED de infravermelhos	ИК-светодиоды	KÖ LED'leri
16	Obiettivo	Obiektyw	Objetiva	Объектив	Objektif
17	Sensore PIR frontale	Przedni czujnik PIR	Sensor PIR frontal	Фронтальный PIR-сенсор	Ön PIR sensörü
18	Sensore PIR laterale	Boczny czujnik PIR	Sensor PIR lateral	Боковой PIR-сенсор	Yan PIR sensörü
19	Indicatore luminoso	Wskaźnik świetlny	Luz do indicador	Световой индикатор	Gösterge ışığı
20	Fotocamera notturna*	Kamera do obserwacji nocnych*	Câmara noturna*	Камера для ночной съемки*	Gece kamerası*

* Solo per i modelli FC400 * Tylko w modelach FC400 * Só para os modelos FC400 * Только для моделей FC400

* Yalnızca FC400 modelleri için

EN Levenhuk FC300/FC400 Trail Camera

 **Never, under any circumstances, look directly at the Sun, another bright source of light, or at a laser through this device, as it may cause PERMANENT RETINAL DAMAGE and may lead to BLINDNESS.**

The kit includes: trail camera, card reader, 32GB microSD card, lashing strap, swivel mounting bracket and screws, miniUSB cable, DC cable, user manual, and warranty.

Install batteries

Remove the protective film from the camera. Open the battery compartment cover and insert the batteries according to the correct polarity marks. Close the cover.

OR

Connect a 6V external power source to a corresponding input on the camera.

! If you use an external power source, do not remove the batteries.

Installing/removing the memory card

Insert the microSD card into the microSD card slot (11). Make sure the direction is right. Do not force the card in. Format the microSD card before starting, as it will improve its compatibility with the device. To remove the card from the slot, press the edge of the memory card in gently, and the card will pop out. Then, remove the card.

! When the memory card is full, the camera will stop recording. However, if the “Endless capture” option is selected, the camera will continue capturing, and the previously saved files will be replaced by the recent files.

Getting started

Shift the Power/Mode switch (14) to the ON-position to turn the camera on and to proceed with the default settings. In ON mode, the camera will **automatically** capture the image by motion detection using the motion sensors (17, 18).

OR

Shift the Power/Mode switch (14) to the TEST-position to turn the camera on and to change the camera settings (language, time and date, memory card settings, photo and video settings). In the TEST mode, the camera enables you to take photos, record videos and playback the photo and video files **manually**.

Shift the Power/Mode switch (14) to the OFF-position to turn the camera off.

! Always turn the camera off before removing or replacing the batteries or the memory card, and prior to transporting the device.

You can mount the camera on a wall or a tree using the swivel mounting bracket (included) or you can fix the camera to an appropriate object using the lashing strap (included). The recommended height for camera mounting is 1 m above the ground.



Swivel mounting bracket

1. Camera screw, thread ¼"
2. Lock nut
3. Pivot bolts
4. Holes in the bracket base
5. Hexagonal screw
6. Dowels
7. Screws

! Prior to drilling the holes in a wall, make sure that there is no electric wiring or pipes inside the wall in this area.

Camera settings

1. Press the Menu button (7) to enter the settings menu.
2. Press the Up/Video button (2) and Down/Photo button (10) to scroll the menu.
3. Press the OK button (5) to enter the options interface and to confirm the actions.
4. Press the MENU button (7) to exit the menu
 - *Target recording time: On / Off*
The timer option enables you to set the start time and the end time for capturing.
 - *Time lapse: Normal / TL Video / Off*

Normal. The camera will capture photos automatically in a set time interval, for example, once per hour.

TL Video. The camera will capture photos automatically in a set time interval, for example, once per hour; and the camera will convert these captured images into a video.

- **Endless capture: On / Off**
With this option on, the camera will record video in loop. If this option is off, the camera will stop recording the video when the memory card is full.

Using

In the TEST-mode:

Taking a photo

1. Press the Down/Photo button (10) to enter the photo mode.
2. Press the SHOT button (3) to take a picture.

Recording a video

1. Press the Up/Video button (2) to enter the video mode.
2. Press the SHOT button (3) to start recording a video, and then press again to stop the video recording.

■ A low battery in the camera may affect the camera stability and deteriorate the video. Do not record long videos in the evening and in the night if the camera battery is low.

Playback

1. Press the PLAY button (9) to enter the playback mode.
2. For scrolling through your pictures and videos, use the Up/Video (2) and the Down/Photo (10) buttons.
3. Press the OK button (5) to playback a video file, and then press again to pause; press the MENU button (7) to stop the playback.
4. Press the PLAY button (9) again to exit the playback mode

Playback using TV

You can playback the files on the TV screen, for this, proceed as follows:

1. Connect the switched-off camera to the TV set using the AV cable (included).
2. Turn the TV on and switch the TV set to the AV mode.
3. Shift the Power/Mode switch (14) of the camera to the TEST-position.
The camera screen will become dark, and the camera images will be displayed on the TV screen.

Copying files

You can transfer files from the device to your smartphone, tablet, or PC directly.

- Insert the memory card into a card reader; or
- Connect the device to your computer with a USB cable.

Specifications

	FC300	FC400
IR distance	20m	35m
IR illumination	2 IR LEDs	38 IR LEDs
IR wavelength	850 nm	
Trigger time	0.2 s	
Camera resolution	8MP	8MP & 2MP starlight level NIR sensor
Focal length	3.3mm	day: 3.3mm / night: 4.0mm
Aperture	f/2.0	day: f/2.0 / night: f/1.4
Angular field of view	110°	
IR distance	near (12 m) / middle (15 m) / far (18 m)	
Motion sensor sensitivity	low (below 25°C) / middle (about 25°C) / high (above 30°C)	
Daytime recording without IR	color image	
Recording at night (in the dark) with IR	black and white image	
Photo resolution	32MP (6480x4860px) / 20MP (5200x3900px) / 16MP (4608x3456px) / 12MP (4000x3000px) / 8MP (3264x2448px) / 5MP (2592x1944px) / 3MP (2048x1536px) / 1MP (1280x960px)	day: 32MP (6480x4860px) / 20MP (5200x3900px) / 16MP (4608x3456px) / 12MP (4000x3000px) / 8MP (3264x2448px) / 5MP (2592x1944px) / 3MP (2048x1536px) / 1MP (1280x960px) night: 2MP (1920x1080px) / 1MP (1280x720px)
Photo series	1/2/3/6/7/10 photos	

Video resolution	3840x2160px@10fps / 2688x1520px@20fps / 1920x1080px@30fps / 1280x720px@60fps / 1280x720px@30fps / 720x480px@30fps / 640x480px@30fps / 320x240px@30fps	day: 3840x2160px@10fps / 2688x1520px@20fps / 1920x1080px@30fps / 1280x720px@60fps / 1280x720px@30fps / 848x480px@30fps / 720x480px@30fps / 640x480px@30fps / 320x240px@30fps night: 1920x1080px / 1280x720px / 640x480px
Time lapse video resolution	5200x3900px / 4608x3456px / 4416x3312px / 4000x3000px / 3648x2736px / 3264x2448px / 3072x2304px / 2592x1944px / 2048x1536px	day: 5200x3900px / 4608x3456px / 4416x3312px / 4000x3000px / 3648x2736px / 3264x2448px / 3072x2304px / 2592x1944px / 2048x1536px night: 1920x1080px / 1280x720px
Video length	3–59 s / 1–10 min	
Triggering interval	5 s to 60 min	
Language settings	English, Chinese Simplified, Chinese Traditional, Danish, Dutch, Finnish, French, German, Italian, Japanese, Portuguese, Russian, Spanish, Swedish	
Storage	class 10, microSD up to 512GB	
LCD screen	TFT2.4"	
Tripod adapter thread	1/4"	
Operating temperature range	–20...+50°C / –4...+122°F	
Power supply	4 AA alkaline batteries, expandable to 8 AA; external 6V power supply, at least 1.5A	

The manufacturer reserves the right to make changes to the product range and specifications without prior notice.

Care and maintenance

Do not expose the device to direct sunlight — that could cause a fire! Do not scratch or touch the optical surfaces with your fingers. Remove the batteries before cleaning the device! Use only dry, lint-free cloths to wipe the outer parts of the device. Do not use cleaning fluid to avoid the electronics damage. To avoid scratching the lenses, only use a soft cloth and do not press too hard. Keep the device away from dust and water. Keep the device in a bag or a box. Remove the batteries from the device if it has not been used for a long time.

Battery safety instructions

Always purchase the correct size and grade of battery most suitable for the intended use. Always replace the whole set of batteries at one time; taking care not to mix old and new ones, or batteries of different types. Clean the battery contacts and also those of the device prior to battery installation. Make sure the batteries are installed correctly with regard to polarity (+ and –). Remove batteries from equipment that is not to be used for an extended period of time. Remove used batteries promptly. Never short-circuit batteries as this may lead to high temperatures, leakage, or explosion. Never heat batteries in order to revive them. Do not disassemble batteries. Remember to switch off devices after use. Keep batteries out of the reach of children, to avoid risk of ingestion, suffocation, or poisoning. Utilize used batteries as prescribed by your country's laws.

Levenhuk International Lifetime Warranty

All Levenhuk telescopes, microscopes, binoculars, and other optical products, except for their accessories, carry a lifetime warranty against defects in materials and workmanship. A lifetime warranty is a guarantee on the lifetime of the product on the market.

All Levenhuk accessories are warranted to be free of defects in materials and workmanship for six months from the purchase date.

The warranty entitles you to the free repair or replacement of the Levenhuk product in any country where a Levenhuk office is located if all the warranty conditions are met.

For further details, please visit: www.levenhuk.com/warranty

If warranty problems arise, or if you need assistance in using your product, contact the local Levenhuk branch.