

PHILIPS

VideoTracer

Body-Worn Recorder

HD video and audio recording

Super-wide angle coverage

Durable and water resistant

Quality night recordings



DVT3120



Reliable high-quality evidence

with HD video and audio recording

Enjoy peace of mind while on duty. The Philips VideoTracer Body-Worn Recorder will protect you in case the unexpected happens. Rely on excellent video and audio performance to provide you with crystal clear evidence when you need it.

Superior recording quality

- Full-HD 1080p recording to capture important details
- 170° wide angle coverage for a more complete picture of any incident
- Night-vision mode to capture a sharp, high-quality recording in low-light conditions

Impartial evidence any time

- Motion sensor, pre- and post record function for never missing a recording
- Water mark with date, time and ID and GPS for reliable video evidence
- Rechargeable li-polymer battery for extra-long recording

Designed around you

- 2" LCD screen allows instant video playback
- MicroSD memory card slot for virtually unlimited recording
- Robust and water-resistant design for extra durability



Highlights

HD video and audio recording



Rely on excellent video and audio performance to provide you with crystal clear evidence when you need it. With its full HD 1080p video capabilities, the Philips VideoTracer captures video in sharp and vivid detail. The snapshot feature allows you to capture photos while recording video. With the audio-only feature you can record notes.

Super-wide angle coverage



Capture more of the scene with a proven 170 degree wide angle lens giving you a more complete picture of any incident. The built-in laser pointer assists you to locate the recording area without looking at the screen.

Quality night recordings



Built-in night vision with 6 infrared LEDs allows you to capture sharp video even at night. LED indicators, (optional) audio and vibration alerts will notify you when recording has started or stopped.

Motion sensor and pre/post-recording



The pre-recording function allows you to spontaneously record important parts of an incident. Post-recording ensures that you never miss a moment even after you stop recording. Motion detection starts video recording automatically when any object enters the field of view. Once the object comes out of the coverage range, the recording stops and the file is saved.

GPS and water mark



A water mark with a unique user ID, a time and date stamp can be embedded into the video for reliable evidence. Built-in GPS allows you to track your location.

Extra long battery life



The high-capacity Li-polymer battery can be easily charged through a standard micro USB port. This guarantees extended battery life for extra-long recording ensuring that your recorder will always be ready to work when you are.

2" built-in LCD screen



The recorder features a 2.0 inch (5.1 cm) LCD screen and a built-in speaker allowing you to instantly playback captured still images and recorded audio and video files. For playback on a larger screen, the VideoTracer has a micro HDMI output port and AV output port for connecting to standard and HDTV television sets.

MicroSD memory card slot



Virtually unlimited recording and storage capacity thanks to a microSD memory card slot supporting up to 128 GB of memory.

Durable and water-resistant design



Its durable and IP67-rated water- and dust-resistant design creates a robust shell around the device. Ergonomically placed keys allow for convenient, quick and direct access to the most important functions.

Specifications

Connectivity

Headphones: 2.5 mm
 AV in: 2.5 mm
 AV out: 2.5 mm
 HDMI: type D (micro)
 USB: micro USB 2.0

Display

Type: LCD color display
 Diagonal screen size: 2"/5.1 cm
 Resolution: 320 × 240 pixels

Video recording

Chipset: Ambarella A7LA50
 Sensor: 5 MP CMOS sensor
 Viewing angle: 170 degrees
 Video resolution: 2560 × 1080 px (21:9)
 25/30 fps, 2304 × 1296 px (16:9) 25/30 fps,
 1920 × 1080 px (16:9) 25/30 fps, 1280 × 720 px
 (16:9) 25/30/50/60 fps, 848 × 480 px (16:9)
 25/30/50/60 fps
 Video encoding: H.264
 Video format: MPEG4
 Loop recording
 Automatic file split: 5 / 10 / 15 / 20 / 30 minutes
 Pre-record function: max. 50 seconds
 Post-record function: 5 / 10 / 15 / 30 / 60
 seconds
 Motion detection: low, medium, high
 Car DVR mode

Photo capturing

Capture photos during video recording
 Image size: 32 MP, 23 MP, 20 MP, 18 MP,
 16 MP, 14 MP, 12 MP, 8 MP, 5 MP, 3 MP
 Image format: JPEG
 Photo quality: super fine, fine, normal
 Burst photo shooting: 3 / 5 / 10 / 20 photos
 in a row
 Self-timer: 3 / 5 / 10 / 30 / 60 seconds
 EV correction

Night Vision

Infrared light: 6 IR LEDs
 Flash light: 2 LEDs
 Up to 6 meters with visible face image

Audio recording

Built-in microphone
 Audio format: WAV
 Recording mode: HQ (1536 kbps), SLP (385
 kbps)
 Microphone sensitivity: low, medium, high
 Noise cut

Storage media

MicroSD card socket: up to 128 GB

Convenience

Upgradeable firmware
 Device languages: English, French, German,
 Spanish, Polish, Russian
 Built-in speaker
 One-touch recording
 Audible, visual and haptic indications when
 starting and stopping recording
 Marker for important videos
 Auto-off function: 1 / 2 / 3 / 5 minutes
 LCD auto-off function: 30 seconds, 1 minute,
 3 minutes

Security

File tagging with GPS coordinates
 Water mark: user ID, time and date stamp
 embedded in video
 Unique user ID: 5 digit device ID and 6 digit
 personal ID
 Auto-divide function to prevent corruption of
 video files caused by erroneous operation.
 Recordings can only be deleted on the
 computer via USB cable.

Power

Battery type: Li-polymer built-in battery
 Battery capacity: 3400 mAh
 Battery lifetime: 9.2 hours (848 × 480 px), 9
 hours (1280 × 720 px), 8.4 hours (1920 × 1080
 px), 8.2 hours (2560 × 1080 px), 7.2 hours
 (2304 × 1296 px)
 Charging time (full charge): 5 hours

System requirements

Free USB port
 Operating system: Windows 10/8/7, macOS 10

Design and finishing

Color(s): dark grey

Operation conditions

Temperature: -5° – 45° C / 23° – 113° F
 Humidity: 10 % – 90 %, non-condensing
 IP67 water and dust resistance

Green specifications

Lead-free soldered product

Package contents

Recorder
 Memory card
 Mounting clip and pins
 AV cable
 USB cable
 Pouch
 Quick start guide

Product dimensions

Product dimensions (W × H × D):
 61 × 91 × 34 mm / 2.4 × 3.6 × 1.3 inch
 Weight: 180 g/6.2 oz.

