

**E53****E75****E85****E95**

Metadata

Part No.	84502-0201	78502-0101	78502-0201	78502-0301
Product name	FLIR E53 24°	FLIR E75 24°	FLIR E85 24°	FLIR E95 24°
Revision	48892	48894	48902	48916
Last modified	2018-04-05 13:45	2018-04-05 13:48	2018-04-05 14:53	2018-04-05 16:22

Imaging and optical data

Infrared resolution	240 × 180 pixels	320 × 240 pixels	384 × 288 pixels	464 × 348 pixels
NETD	<40 mK @ +30°C (+86°F)	<40 mK @ +30°C (+86°F)	<40 mK @ +30°C (+86°F)	<40 mK @ +30°C (+86°F)
UltraMax (super-resolution)	-	Yes	Yes	Yes
Field of view	24° × 18°	24° × 18°	24° × 18°	24° × 18°
Minimum focus distance	0.15 m (0.49 ft.)	0.15 m (0.49 ft.)	0.15 m (0.49 ft.)	0.15 m (0.49 ft.)
Minimum focus distance with MSX	0.5 m (1.64 ft.)	0.5 m (1.64 ft.)	0.5 m (1.64 ft.)	0.5 m (1.64 ft.)
Focal length	17 mm (0.67 in.)	17 mm (0.67 in.)	17 mm (0.67 in.)	17 mm (0.67 in.)
Spatial resolution (IFOV)	1.75 mrad/pixel	1.31 mrad/pixel	1.09 mrad/pixel	0.90 mrad/pixel
Lens identification	Automatic	Automatic	Automatic	Automatic
f number	1.3	1.3	1.3	1.3
Available extra lenses	-	<ul style="list-style-type: none"> • 42° (AutoCal) • 14° (AutoCal) 	<ul style="list-style-type: none"> • 42° (AutoCal) • 14° (AutoCal) 	<ul style="list-style-type: none"> • 14° (AutoCal) • 42° (AutoCal)
Image frequency	30 Hz	30 Hz	30 Hz	30 Hz
Focus	Manual	<ul style="list-style-type: none"> • Continuous LDM • One-shot LDM • One-shot contrast • Manual 	<ul style="list-style-type: none"> • Continuous LDM • One-shot LDM • One-shot contrast • Manual 	<ul style="list-style-type: none"> • Continuous LDM • One-shot LDM • One-shot contrast • Manual
Field of view match	Yes	Yes	Yes	Yes
Digital zoom	1–4× continuous	1–4× continuous	1–4× continuous	1–4× continuous

Detector data

Focal plane array/spectral range	Uncooled microbolometer/7.5–14 μm	Uncooled microbolometer/7.5–14 μm	Uncooled microbolometer/7.5–14 μm	Uncooled microbolometer/7.5–14 μm
Detector pitch	17 μm	17 μm	17 μm	17 μm

Image presentation

Resolution	640 × 480 pixels (VGA)	640 × 480 pixels (VGA)	640 × 480 pixels (VGA)	640 × 480 pixels (VGA)
Surface brightness (cd/m ²)	400	400	400	400
Screen size	4 in.	4 in.	4 in.	4 in.
Viewing angle	80°	80°	80°	80°
Color depth (bits)	24	24	24	24
Aspect ratio	4:3	4:3	4:3	4:3
Auto-rotation	Yes	Yes	Yes	Yes
Touchscreen	Optically bonded PCAP	Optically bonded PCAP	Optically bonded PCAP	Optically bonded PCAP
Display technology	IPS	IPS	IPS	IPS
Cover glass material	Dragontrail®	Dragontrail®	Dragontrail®	Dragontrail®
Programmable buttons	1	1	1	1
Viewfinder	No	No	No	No
Image adjustment	<ul style="list-style-type: none"> • Automatic • Automatic maximum • Automatic minimum • Manual 	<ul style="list-style-type: none"> • Automatic • Automatic maximum • Automatic minimum • Manual 	<ul style="list-style-type: none"> • Automatic • Automatic maximum • Automatic minimum • Manual 	<ul style="list-style-type: none"> • Automatic • Automatic maximum • Automatic minimum • Manual

Image presentation modes

Infrared image	Yes	Yes	Yes	Yes
Visual image	Yes	Yes	Yes	Yes
Thermal fusion	No	No	No	No
MSX	Yes	Yes	Yes	Yes
Picture in Picture	Centered infrared area on the visual image	Resizable and movable	Resizable and movable	Resizable and movable
Gallery	Yes	Yes	Yes	Yes

Measurement

Camera temperature range	Object temperature range	Object temperature range	Object temperature range	Object temperature range
Accuracy — for ambient temperature +15 to +35°C (+59 to +95°F)				
-20 to +120°C (-4 to +248°F)	-20 to +100°C (-4 to +212°F)	-20 to +100°C (-4 to +212°F)	-20 to +100°C (-4 to +212°F)	-20 to +100°C (-4 to +212°F)
±2°C (±3.6°F)	±2%	±2%	±2%	±2%
+100 to +120°C (+212 to +248°F)				
0 to +650°C (+32 to +1202°F)	0 to +100°C (+32 to +212°F)	0 to +100°C (+32 to +212°F)	0 to +100°C (+32 to +212°F)	0 to +100°C (+32 to +212°F)
±2°C (±3.6°F)				
+100 to +650°C (+212 to +1202°F)	±2%	±2%	±2%	±2%
Optional +300 to +1000°C (+572 to +1832°F)	-	+300 to +1000°C (+572 to +1832°F)	-	-
+300 to +1200°C (+572 to +2192°F)	-	-	+300 to +1200°C (+572 to +2192°F)	-
+300 to +1500°C (+572 to +2732°F)	-	-	-	+300 to +1500°C (+572 to +2732°F)
±2%	-	-	-	-

Measurement analysis

Spotmeter	3 in live mode	3 in live mode	3 in live mode	3 in live mode
Area	1 in live mode	1 in live mode	3 in live mode	3 in live mode
Automatic hot/cold detection	Auto-maximum/minimum markers within area	Auto-maximum/minimum markers within area	Auto-maximum/minimum markers within area	Auto-maximum/minimum markers within area
Measurement presets	<ul style="list-style-type: none"> No measurements Center spot Hot spot Cold spot 3 spots Hot spot-Spot 	<ul style="list-style-type: none"> No measurements Center spot Hot spot Cold spot User preset 1 User preset 2 	<ul style="list-style-type: none"> No measurements Center spot Hot spot Cold spot User preset 1 User preset 2 	<ul style="list-style-type: none"> No measurements Center spot Hot spot Cold spot User preset 1 User preset 2
Difference temperature	Yes: as preset (Hot spot-Spot)	Yes	Yes	Yes
Reference temperature	Yes: in preview mode	Yes	Yes	Yes
Emissivity correction	Yes: variable from 0.01 to 1.0 or selected from materials list	Yes: variable from 0.01 to 1.0 or selected from materials list	Yes: variable from 0.01 to 1.0 or selected from materials list	Yes: variable from 0.01 to 1.0 or selected from materials list
Measurement corrections	Yes	Yes	Yes	Yes
External optics/windows correction	Yes	Yes	Yes	Yes
Screening	0.5°C (0.9°F) accuracy @ 37°C (98.6°F) with reference	0.5°C (0.9°F) accuracy @ 37°C (98.6°F) with reference	0.5°C (0.9°F) accuracy @ 37°C (98.6°F) with reference	0.5°C (0.9°F) accuracy @ 37°C (98.6°F) with reference

Alarm

Color alarm (isotherm)	<ul style="list-style-type: none"> Above Below Interval Condensation (moisture/humidity /dewpoint) Insulation 	<ul style="list-style-type: none"> Above Below Interval Condensation (moisture/humidity /dewpoint) Insulation 	<ul style="list-style-type: none"> Above Below Interval Condensation (moisture/humidity /dewpoint) Insulation 	<ul style="list-style-type: none"> Above Below Interval Condensation (moisture/humidity /dewpoint) Insulation
Measurement function alarm	Audible/visual alarms (above/below)	Audible/visual alarms (above/below) on any selected measurement function	Audible/visual alarms (above/below) on any selected measurement function	Audible/visual alarms (above/below) on any selected measurement function

Set-up

Color palettes	<ul style="list-style-type: none"> Iron Gray Rainbow Arctic Lava Rainbow HC 	<ul style="list-style-type: none"> Iron Gray Rainbow Arctic Lava Rainbow HC 	<ul style="list-style-type: none"> Iron Gray Rainbow Arctic Lava Rainbow HC 	<ul style="list-style-type: none"> Iron Gray Rainbow Arctic Lava Rainbow HC
Setup commands	Local adaptation of units, language, date and time formats	Local adaptation of units, language, date and time formats	Local adaptation of units, language, date and time formats	Local adaptation of units, language, date and time formats
Languages	21	21	21	21

Service functions

Camera software update	Using USB cable or SD card	Using USB cable or SD card	Using USB cable or SD card	Using USB cable or SD card
------------------------	----------------------------	----------------------------	----------------------------	----------------------------

Storage of images

Storage media	Removable memory; SD card (8 GB)	Removable memory; SD card (8 GB)	Removable memory; SD card (8 GB)	Removable memory; SD card (8 GB)
Remote control operation	Using USB cable or Wi-Fi	Using USB cable or Wi-Fi	Using USB cable or Wi-Fi	Using USB cable or Wi-Fi

Time lapse (periodic image storage)	-	No	No	10 seconds to 24 hours (infrared)
Image file format	Standard JPEG, measurement data included. Infrared-only mode	Standard JPEG, measurement data included. Infrared-only mode	Standard JPEG, measurement data included. Infrared-only mode	Standard JPEG, measurement data included. Infrared-only mode

Image annotations

Voice	60 seconds built-in microphone and speaker (and via Bluetooth) on still images and video	60 seconds built-in microphone and speaker (and via Bluetooth) on still images and video	60 seconds built-in microphone and speaker (and via Bluetooth) on still images and video	60 seconds built-in microphone and speaker (and via Bluetooth) on still images and video
Text	Text from predefined list or soft keyboard on touchscreen	Text from predefined list or soft keyboard on touchscreen	Text from predefined list or soft keyboard on touchscreen	Text from predefined list or soft keyboard on touchscreen
Visual image annotation	Yes	Yes	Yes	Yes
Image sketch	Yes: on infrared images only	Yes: on infrared images only	Yes: on infrared images only	Yes: on infrared images only
Sketch	From touchscreen	From touchscreen	From touchscreen	From touchscreen
METERLiNK	Wireless connection (Bluetooth) to: FLIR meters with METERLiNK	Wireless connection (Bluetooth) to: FLIR meters with METERLiNK	Wireless connection (Bluetooth) to: FLIR meters with METERLiNK	Wireless connection (Bluetooth) to: FLIR meters with METERLiNK
Compass	Yes	Yes	Yes	Yes
Laser distance meter information	No	Yes	Yes	Yes
Area measurement information	No	No	Yes	Yes
GPS	Yes: location data automatically added to every still image and the first frame in video from built-in GPS	Yes: location data automatically added to every still image and the first frame in video from built-in GPS	Yes: location data automatically added to every still image and the first frame in video from built-in GPS	Yes: location data automatically added to every still image and the first frame in video from built-in GPS

Video recording in camera

Radiometric infrared-video recording	RTRR (.csq)	RTRR (.csq)	RTRR (.csq)	RTRR (.csq)
Non-radiometric infrared-video recording	H.264 to memory card	H.264 to memory card	H.264 to memory card	H.264 to memory card
Visual video recording	H.264 to memory card	H.264 to memory card	H.264 to memory card	H.264 to memory card

Video streaming

Radiometric infrared-video streaming (compressed)	Over UVC	Over UVC	Over UVC	Over UVC
Non-radiometric video streaming (compressed: IR, MSX, visual, Picture in Picture)	<ul style="list-style-type: none"> H.264 (AVC) over RTSP (Wi-Fi) MPEG4 over RTSP (Wi-Fi) MJPEG over UVC and RTSP (Wi-Fi) 	<ul style="list-style-type: none"> H.264 (AVC) over RTSP (Wi-Fi) MPEG4 over RTSP (Wi-Fi) MJPEG over UVC and RTSP (Wi-Fi) 	<ul style="list-style-type: none"> H.264 (AVC) over RTSP (Wi-Fi) MPEG4 over RTSP (Wi-Fi) MJPEG over UVC and RTSP (Wi-Fi) 	<ul style="list-style-type: none"> H.264 (AVC) over RTSP (Wi-Fi) MPEG4 over RTSP (Wi-Fi) MJPEG over UVC and RTSP (Wi-Fi)
Visual video streaming	Yes	Yes	Yes	Yes

Digital camera

Resolution	5 MP with LED light	5 MP with LED light	5 MP with LED light	5 MP with LED light
Focus	Fixed	Fixed	Fixed	Fixed
Field of view	53° × 41°	53° × 41°	53° × 41°	53° × 41°
Video lamp	Built-in LED light	Built-in LED light	Built-in LED light	Built-in LED light

Laser pointer

Laser pointer	Yes	-	-	-
Laser alignment	-	Position is automatically displayed on the infrared image	Position is automatically displayed on the infrared image	Position is automatically displayed on the infrared image
Laser distance meter	-	Activated by a dedicated button	Activated by a dedicated button	Activated by a dedicated button
Laser	-	Class 2, 0.05–40 m (1.6–131 ft.) ±1% of measured distance	Class 2, 0.05–40 m (1.6–131 ft.) ±1% of measured distance	Class 2, 0.05–40 m (1.6–131 ft.) ±1% of measured distance

Data communication interfaces

Interfaces	USB 2.0, Bluetooth, Wi-Fi, DisplayPort	USB 2.0, Bluetooth, Wi-Fi, DisplayPort	USB 2.0, Bluetooth, Wi-Fi, DisplayPort	USB 2.0, Bluetooth, Wi-Fi, DisplayPort
METERLiNK/Bluetooth	Communication with headset and external sensors	Communication with headset and external sensors	Communication with headset and external sensors	Communication with headset and external sensors
Wi-Fi	Peer to peer (ad hoc) or infrastructure (network)	Peer to peer (ad hoc) or infrastructure (network)	Peer to peer (ad hoc) or infrastructure (network)	Peer to peer (ad hoc) or infrastructure (network)
Audio	Microphone and speaker for voice annotation of images	Microphone and speaker for voice annotation of images	Microphone and speaker for voice annotation of images	Microphone and speaker for voice annotation of images
USB	USB Type-C: data transfer/video /power	USB Type-C: data transfer/video /power	USB Type-C: data transfer/video /power	USB Type-C: data transfer/video /power
USB standard	USB 2.0 High Speed	USB 2.0 High Speed	USB 2.0 High Speed	USB 2.0 High Speed
Video out	DisplayPort	DisplayPort	DisplayPort	DisplayPort
Video connector type	DisplayPort over USB Type-C	DisplayPort over USB Type-C	DisplayPort over USB Type-C	DisplayPort over USB Type-C

Radio

Operating frequency	Bluetooth + EDR/LE: 2402–2480 MHz WLAN 2.4 GHz: 2412–2462 MHz WLAN 5 GHz: 5150–5350	Bluetooth + EDR/LE: 2402–2480 MHz WLAN 2.4 GHz: 2412–2462 MHz WLAN 5 GHz: 5150–5350	Bluetooth + EDR/LE: 2402–2480 MHz WLAN 2.4 GHz: 2412–2462 MHz WLAN 5 GHz: 5150–5350	Bluetooth + EDR/LE: 2402–2480 MHz WLAN 2.4 GHz: 2412–2462 MHz WLAN 5 GHz: 5150–5350
---------------------	---	---	---	---

	MHz (DFS: only slave mode) Note that frequency band 5150–5350 MHz is for indoor use only, see national regulations.	MHz (DFS: only slave mode) Note that frequency band 5150–5350 MHz is for indoor use only, see national regulations.	MHz (DFS: only slave mode) Note that frequency band 5150–5350 MHz is for indoor use only, see national regulations.	MHz (DFS: only slave mode) Note that frequency band 5150–5350 MHz is for indoor use only, see national regulations.
RF output (EIRP)	Bluetooth + EDR/LE: < 10 dBm WLAN: < 17 dBm	Bluetooth + EDR/LE: < 10 dBm WLAN: < 17 dBm	Bluetooth + EDR/LE: < 10 dBm WLAN: < 17 dBm	Bluetooth + EDR/LE: < 10 dBm WLAN: < 17 dBm
Antenna	Integrated PIFA antenna (gain: maximum 1.4 dBi)	Integrated PIFA antenna (gain: maximum 1.4 dBi)	Integrated PIFA antenna (gain: maximum 1.4 dBi)	Integrated PIFA antenna (gain: maximum 1.4 dBi)

Power system

Battery type	Rechargeable Li-ion battery	Rechargeable Li-ion battery	Rechargeable Li-ion battery	Rechargeable Li-ion battery
Battery voltage	3.6 V	3.6 V	3.6 V	3.6 V
Battery operating time	> 2.5 hours at 25°C (68°F) and typical use	> 2.5 hours at 25°C (68°F) and typical use	> 2.5 hours at 25°C (68°F) and typical use	> 2.5 hours at 25°C (68°F) and typical use
Charging system	In camera (AC adapter or 12 V from a vehicle) or two-bay charger	In camera (AC adapter or 12 V from a vehicle) or two-bay charger	In camera (AC adapter or 12 V from a vehicle) or two-bay charger	In camera (AC adapter or 12 V from a vehicle) or two-bay charger
Charging time (using two-bay charger)	2.5 hours to 90% capacity with charging status indicated by LEDs	2.5 hours to 90% capacity with charging status indicated by LEDs	2.5 hours to 90% capacity with charging status indicated by LEDs	2.5 hours to 90% capacity with charging status indicated by LEDs
Charging temperature	0°C to +45°C (+32°F to +113°F), except for the Korean market: +10°C to +45°C (+50°F to +113°F)	0°C to +45°C (+32°F to +113°F), except for the Korean market: +10°C to +45°C (+50°F to +113°F)	0°C to +45°C (+32°F to +113°F), except for the Korean market: +10°C to +45°C (+50°F to +113°F)	0°C to +45°C (+32°F to +113°F), except for the Korean market: +10°C to +45°C (+50°F to +113°F)
External power operation	AC adapter 90–260 V AC, 50/60 Hz, or 12 V from a vehicle (cable with standard plug—optional)	AC adapter 90–260 V AC, 50/60 Hz, or 12 V from a vehicle (cable with standard plug—optional)	AC adapter 90–260 V AC, 50/60 Hz, or 12 V from a vehicle (cable with standard plug—optional)	AC adapter 90–260 V AC, 50/60 Hz, or 12 V from a vehicle (cable with standard plug—optional)
Power management	Automatic shut-down and sleep mode	Automatic shut-down and sleep mode	Automatic shut-down and sleep mode	Automatic shut-down and sleep mode

Environmental data

Operating temperature range	–15 to +50°C (5–122°F)	–15 to +50°C (5–122°F)	–15 to +50°C (5–122°F)	–15 to +50°C (5–122°F)
Storage temperature range	–40 to +70°C (–40 to +158°F)	–40 to +70°C (–40 to +158°F)	–40 to +70°C (–40 to +158°F)	–40 to +70°C (–40 to +158°F)
Humidity (operating and storage)	IEC 60068-2-30/24 hours/95% relative humidity 25–40°C (77–104°F)/two cycles	IEC 60068-2-30/24 hours/95% relative humidity 25–40°C (77–104°F)/two cycles	IEC 60068-2-30/24 hours/95% relative humidity 25–40°C (77–104°F)/two cycles	IEC 60068-2-30/24 hours/95% relative humidity 25–40°C (77–104°F)/two cycles
EMC	<ul style="list-style-type: none"> ETSI EN 301 489-1 (radio) ETSI EN 301 489-17 EN 61000-6-2 (immunity) EN 61000-6-3 (emission) FCC 47 CFR Part 15 Class B (emission) 	<ul style="list-style-type: none"> ETSI EN 301 489-1 (radio) ETSI EN 301 489-17 EN 61000-6-2 (immunity) EN 61000-6-3 (emission) FCC 47 CFR Part 15 Class B (emission) 	<ul style="list-style-type: none"> ETSI EN 301 489-1 (radio) ETSI EN 301 489-17 EN 61000-6-2 (immunity) EN 61000-6-3 (emission) FCC 47 CFR Part 15 Class B (emission) 	<ul style="list-style-type: none"> ETSI EN 301 489-1 (radio) ETSI EN 301 489-17 EN 61000-6-2 (immunity) EN 61000-6-3 (emission) FCC 47 CFR Part 15 Class B (emission)
Radio spectrum	<ul style="list-style-type: none"> ETSI EN 300 328 FCC Part 15.249 RSS-247 Issue 2 	<ul style="list-style-type: none"> ETSI EN 300 328 FCC Part 15.249 RSS-247 Issue 2 	<ul style="list-style-type: none"> ETSI EN 300 328 FCC Part 15.249 RSS-247 Issue 2 	<ul style="list-style-type: none"> ETSI EN 300 328 FCC Part 15.249 RSS-247 Issue 2
Encapsulation	IP 54 (IEC 60529)	IP 54 (IEC 60529)	IP 54 (IEC 60529)	IP 54 (IEC 60529)
Shock	25g (IEC 60068-2-27)	25g (IEC 60068-2-27)	25g (IEC 60068-2-27)	25g (IEC 60068-2-27)
Vibration	2g (IEC 60068-2-6)	2g (IEC 60068-2-6)	2g (IEC 60068-2-6)	2g (IEC 60068-2-6)
Drop	Designed for 2 m (6.6 ft.)	Designed for 2 m (6.6 ft.)	Designed for 2 m (6.6 ft.)	Designed for 2 m (6.6 ft.)
Safety	EN/UL/CSA/PSE 60950-1	EN/UL/CSA/PSE 60950-1	EN/UL/CSA/PSE 60950-1	EN/UL/CSA/PSE 60950-1

Physical data

Weight (including battery)	1 kg (2.2 lb.)	1 kg (2.2 lb.)	1 kg (2.2 lb.)	1 kg (2.2 lb.)
Size (L × W × H)	278.4 × 116.1 × 113.1 mm (11.0 × 4.6 × 4.4 in.)	278.4 × 116.1 × 113.1 mm (11.0 × 4.6 × 4.4 in.)	278.4 × 116.1 × 113.1 mm (11.0 × 4.6 × 4.4 in.)	278.4 × 116.1 × 113.1 mm (11.0 × 4.6 × 4.4 in.)
Battery weight	140 g (4.9 oz.)	140 g (4.9 oz.)	140 g (4.9 oz.)	140 g (4.9 oz.)
Battery size (L × W × H)	150 × 46 × 55 mm (5.9 × 1.8 × 2.2 in.)	150 × 46 × 55 mm (5.9 × 1.8 × 2.2 in.)	150 × 46 × 55 mm (5.9 × 1.8 × 2.2 in.)	150 × 46 × 55 mm (5.9 × 1.8 × 2.2 in.)
Tripod mounting	UNC ¼"-20	UNC ¼"-20	UNC ¼"-20	UNC ¼"-20
Housing material	PCABS with TPE, magnesium	PCABS with TPE, magnesium	PCABS with TPE, magnesium	PCABS with TPE, magnesium
Color	Black	Black	Black	Black

Warranty and service

Warranty	http://www.flir.com/warranty/	http://www.flir.com/warranty/	http://www.flir.com/warranty/	http://www.flir.com/warranty/
----------	---	---	---	---

Shipping information

Packaging, type	Cardboard box	Cardboard box	Cardboard box	Cardboard box
Packaging, contents	<ul style="list-style-type: none"> Battery (2 ea) Battery charger Hard transport case Infrared camera with lens Lens cap, front Accessory Box I: <ul style="list-style-type: none"> SD card (8 GB) USB 2.0 A to USB Type-C cable, 1.0 m USB Type-C to HDMI adapter, standard specification UH311 USB Type-C to USB 	<ul style="list-style-type: none"> Battery (2 ea) Battery charger Hard transport case Infrared camera with lens Lens cap, front Lens cap, front and rear (only for extra lenses) Accessory Box I: <ul style="list-style-type: none"> SD card (8 GB) USB 2.0 A to USB Type-C cable, 1.0 m USB Type-C to HDMI adapter, standard 	<ul style="list-style-type: none"> Battery (2 ea) Battery charger Hard transport case Infrared camera with lens Lens cap, front Lens cap, front and rear (only for extra lenses) Accessory Box I: <ul style="list-style-type: none"> SD card (8 GB) USB 2.0 A to USB Type-C cable, 1.0 m USB Type-C to HDMI adapter, standard 	<ul style="list-style-type: none"> Battery (2 ea) Battery charger Hard transport case Infrared camera with lens Lens cap, front Lens cap, front and rear (only for extra lenses) Accessory Box I: <ul style="list-style-type: none"> SD card (8 GB) USB 2.0 A to USB Type-C cable, 1.0 m USB Type-C to HDMI adapter, standard

	<ul style="list-style-type: none"> Type-C cable (USB 2.0 standard), 1.0 m ○ Power supply for battery charger ○ Power supply, 15 W/3 A ○ Printed documentation ● Accessory box II: <ul style="list-style-type: none"> ○ Hand strap ○ Lanyard strap, camera ○ Wrist strap ○ Lens cap strap ○ Front protection ○ Carabiner hook ○ Accessory box III: <ul style="list-style-type: none"> ■ Hand strap bracket, right ■ Hand strap bracket, left ■ Torx T10 wrench ■ Front protection fastener ■ Screws 	<ul style="list-style-type: none"> specification UH311 ○ USB Type-C to USB Type-C cable (USB 2.0 standard), 1.0 m ○ Power supply for battery charger ○ Power supply, 15 W/3 A ○ Printed documentation ● Accessory box II: <ul style="list-style-type: none"> ○ Hand strap ○ Lanyard strap, camera ○ Wrist strap ○ Lens cap strap ○ Front protection ○ Carabiner hook ○ Accessory box III: <ul style="list-style-type: none"> ■ Hand strap bracket, right ■ Hand strap bracket, left ■ Torx T10 wrench ■ Front protection fastener ■ Screws 	<ul style="list-style-type: none"> specification UH311 ○ USB Type-C to USB Type-C cable (USB 2.0 standard), 1.0 m ○ Power supply for battery charger ○ Power supply, 15 W/3 A ○ Printed documentation ● Accessory box II: <ul style="list-style-type: none"> ○ Hand strap ○ Lanyard strap, camera ○ Wrist strap ○ Lens cap strap ○ Front protection ○ Carabiner hook ○ Accessory box III: <ul style="list-style-type: none"> ■ Hand strap bracket, right ■ Hand strap bracket, left ■ Torx T10 wrench ■ Front protection fastener ■ Screws 	<ul style="list-style-type: none"> specification UH311 ○ USB Type-C to USB Type-C cable (USB 2.0 standard), 1.0 m ○ Power supply for battery charger ○ Power supply, 15 W/3 A ○ Printed documentation ● Accessory box II: <ul style="list-style-type: none"> ○ Hand strap ○ Lanyard strap, camera ○ Wrist strap ○ Lens cap strap ○ Front protection ○ Carabiner hook ○ Accessory box III: <ul style="list-style-type: none"> ■ Hand strap bracket, right ■ Hand strap bracket, left ■ Torx T10 wrench ■ Front protection fastener ■ Screws
Packaging, weight	5.4 kg (11.9 lb.)	5.8 kg (12.8 lb.)	5.8 kg (12.8 lb.)	5.8 kg (12.8 lb.)
Packaging, size	500 × 190 × 370 mm (19.7 × 7.5 × 14.6 in.)	500 × 190 × 370 mm (19.7 × 7.5 × 14.6 in.)	500 × 190 × 370 mm (19.7 × 7.5 × 14.6 in.)	500 × 190 × 370 mm (19.7 × 7.5 × 14.6 in.)
EAN-13	4743254003781	4743254002654	4743254002678	4743254002692
UPC-12	845188016630	845188013882	845188013905	845188013929
Country of origin	Estonia	Estonia	Estonia	Estonia