



TEST REPORT UNDER THE PM STANDARD

WUUK Wireless Cam Pro Security Camera Kit

4 cameras with base station, 32 GB

84 % good
251 of 300 points

OVERALL RATING

Licence number	26009000908	Product group	Security systems / Surveillance cameras
Brand	WUUK	Test period	09/2026
Model	Wireless Cam Pro	Valid from	22.09.2026
Offer price	EUR 279.99	Type of test	Commissioned test

Type of test. This states only who initiated and paid for the test. It has no bearing on procedure, method or result.

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Test framework

Product tested	WUUK Wireless Cam Pro Security Camera Kit — 4 cameras with base station, 32 GB
Licence number	26009000908
Test sample	One unit, factory-new, delivered unopened
Source	Commissioned and supplied by the manufacturer
Test period	09/2026 • five-day test cycle
Offer price	EUR 279.99 during the test period
What was tested	Functional testing in everyday use. Not included: long-term testing, chemical analysis and testing under controlled climate conditions.

Method

The rating follows the PM Standard: ten test parameters grouped in three rating areas. The weighting is fixed before testing begins and is the same for every product.

For each parameter, a category benchmark is set before the sample is rated. Every point deducted is tied to a named finding.

Test items that do not apply are treated as neutral and are removed from the calculation together with their weighting.

Area	Points	Share
A Product Characteristics	100	33.3 %
B Use and Safety	120	40.0 %
C Feedback and Service	80	26.7 %
Total	300	100 %

Rating key

Percent	Rating	Certification
100 – 95 %	● excellent	qualifies
94 – 85 %	● very good	qualifies
84 – 75 %	● good	qualifies
74 – 65 %	● satisfactory	does not qualify
64 – 0 %	● poor	does not qualify

How this report is organised

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Technical data

Model	Wireless Cam Pro, model number Y0410E
Kit	4 cameras, 1 base station
Image sensor	CMOS, 3 MP
Video resolution	2304 × 1296 pixels, optionally 1080p and 720p
Field of view	135° diagonal
Zoom	digital
Night vision	infrared black-and-white, spotlight in colour, 10 m
Motion sensor	PIR with person detection
Detection modes	person only, smart alert, all motion
Recording	event-based, clips of 10 to 30 s, MP4
Audio	microphone and speaker, two-way audio
Battery	9,600 mAh, built-in
Charging	USB-C, 5 V
Power consumption	3 W
Storage	32 GB eMMC in the base station, encrypted
Base station link	Ethernet to router, Wi-Fi 2.4 and 5 GHz
Radio range	cameras link to base only, up to 61 m per maker
Devices per base	up to 8
Protection rating	IP66
Operating temperature	−20 to 50 °C
Charging temperature	0 to 50 °C
Camera weight	280 g
Dimensions	12 × 7 × 14 cm per listing
Housing	plastic, white
Smart home	Amazon Alexa, Google Home, IFTTT
App	WUUK, Android 5.1+, iOS 12.0+
Mounting	wall bracket with ball joint, screwed
Anti-theft	dismount alarm with siren

In the box

- 1 × base station with power adapter
- 4 × camera with built-in battery
- 4 × wall bracket with ball joint
- Screw sets and positioning stickers
- Ethernet cable, 1 m
- USB-C charging cable
- Individual padding for every device in the box

Manufacturer

Company	WUUK LABS CORP.
Address	16192 Coastal Hwy, Lewes, DE 19958, USA
EU address	Spain, printed on the packaging
Specification	maker website, as of 2023

Advertised features

- 1 2K resolution, 65 % more than 1080p
- 2 240 days of battery life per charge
- 3 32 GB local storage without subscription
- 4 around 6 months of loop recording
- 5 98 % accuracy in person detection
- 6 61 m radio range, up to 8 devices
- 7 Set-up in 5 minutes
- 8 Colour night vision with built-in spotlight

Where it stands in its class

Each bar shows where the test sample sits within the range that is typical for this product group. A full bar means the top of the class, not the best possible.

Video resolution		3.0 MP of 2.1-3.7 MP
Field of view		135° of 113-166°
Battery capacity		9,600 mAh of 5,200-6,700 mAh
Battery life (maker)		240 days of 180-240 days

Where it stands in its class continued

Internal storage		32 GB of 0-32 GB
Storage expansion		none, class up to 1 TB
Protection rating		IP66 of IP65-IP67
Devices per base		8 of 4-10
Detection types		person, class up to vehicle
Night vision range		10 m of 10-15 m

Deviations between manufacturer documents

The listing and the manual differ from the maker website on six points. The more recent listing is used. Confirmed on the test sample: IP66 rating and dual-band Wi-Fi of the base station.

Feature	Listing and manual	Maker website
Protection rating	IP66	IP67
Battery life	240 days	3 to 6 months
Field of view	135°	133.4°
Radio link	2.4 and 5 GHz	2.4 GHz and Ethernet
Night vision	10 m	4.9 to 9.8 m
Loop recording	around 6 months	around 4 months

Test environment

Mounting	cameras outdoors on the house, screwed
Base station	indoors, LAN to the router
Radio link	cameras connect to the base station only
Operation	WUUK app on a smartphone
Detection mode	person only, sensitivity up to maximum
Duration	five days of practical use

What the rating is based on

Source	Used for	Applies to
Test sample	Visual, tactile and functional checks, measurements	all parameters
Manufacturer specification	technical values, conformity	parameters 1 to 6
Category benchmark	classification of measured values, set before the test	all parameters
Market observation	price level, feature comparison	parameter 10
Customer reviews	synopsis of published reviews	parameter 8

In all other parameters, only what was found on the test sample or derived from technical data is rated.

Procedure

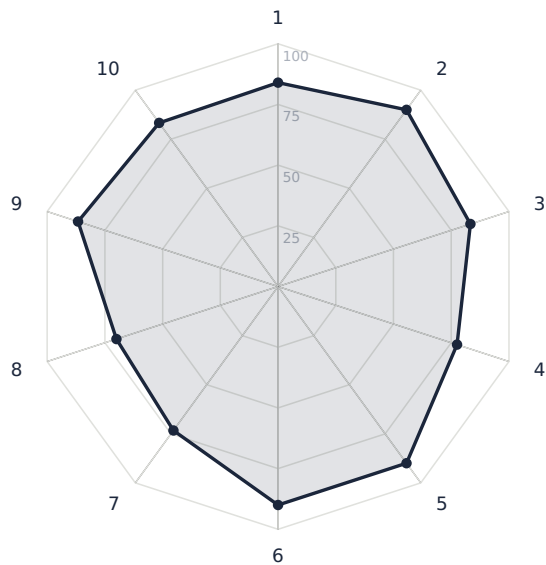
- STEP 1 Receipt and inspection.** Packaging, padding, contents and labelling recorded; CE and IP66 marks read.
- STEP 2 Commissioning.** Base station connected via LAN, cameras paired through the app wizard.
- STEP 3 Mounting.** Brackets screwed on, cameras aligned, hold of the ball joint checked.
- STEP 4 Detection test.** Walks across the image and straight towards the camera at several sensitivities.
- STEP 5 Function check.** Detection modes, zones, night vision, storage and Wi-Fi bands of the base checked.
- STEP 6 Data protection.** App checked for privacy zones, local storage and the transparency statement.

The ten test parameters

No.	Test parameter	Score	Points	Share
1	Build Quality		42 / 50	84 %
2	Design		18 / 20	90 %
3	Size & Weight		25 / 30	83 %
4	Functionality		31 / 40	78 %
5	Ease of Use & Suitability		36 / 40	90 %
6	Safety		36 / 40	90 %
7	Advertising Claims		11 / 15	73 %
8	Customer Feedback		14 / 20	70 %
9	Packaging & Labelling		13 / 15	87 %
10	Value for Money		25 / 30	83 %

 0 - 12 %  13 - 37 %  38 - 62 %  63 - 87 %  88 - 100 %

Parameter profile



Reading the profile

The profile is slightly uneven. Most parameters sit close together, a few fall noticeably behind.

The average across all ten parameters is **83 percent**. Noticeably below this average: **Advertising Claims, Customer Feedback.**

A dip on one axis affects the overall result only in proportion to the weight of its rating area. A weak parameter in area B counts for more than the same value in area C.

The axis starts at zero; all values are shares of the points available. The digits match the numbering of the test parameters.

Result by rating area

Area	Points	Achieved	Applies to
A Product Characteristics	85 / 100	85.0 %	33.3 %
B Use and Safety	103 / 120	85.8 %	40.0 %
C Feedback and Service	63 / 80	78.8 %	26.7 %
Overall	251 / 300	83.7 %	100 %

Areas side by side

A Product Characteristics		85.0 %
B Use and Safety		85.8 %
C Feedback and Service		78.8 %

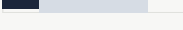
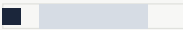
Key figures

STRONGEST RESULT 90 % Design	WEAKEST RESULT 70 % Customer Feedback	SPREAD 20 percentage points between strongest and weakest	AVERAGE 83 % across all ten parameters
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5 · Measurements and Benchmarks

Test report · 26009000908 · WUUK Wireless Cam Pro

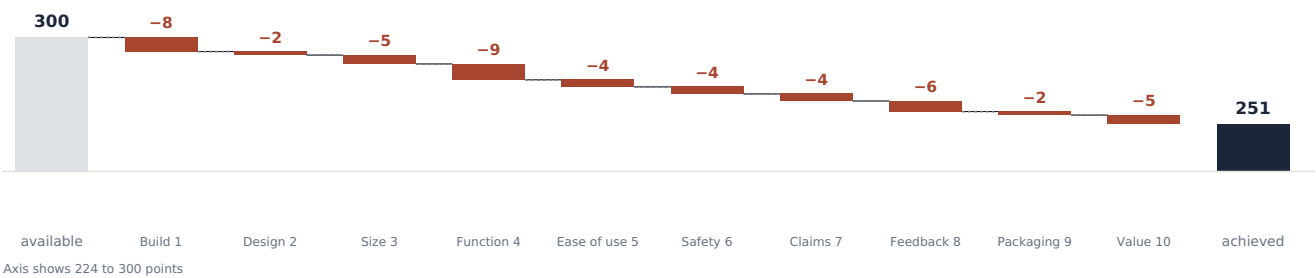
The bar marks the measured value; the grey band marks the range of the category benchmark. All axes start at zero. How the values were obtained is described in chapter 3.

Test item	Test sample	Benchmark	Position	Assessment
Video resolution	2304 × 1296 pixels	1920 × 1080 to 2560 × 1440 pixels		within range
More pixels than 1080p	+44 %	Advertised +65 %	—	below claim
Field of view, diagonal	135°	113 to 166°		within range
Battery capacity per camera	9,600 mAh	5,200 to 6,700 mAh		above range
Battery life per maker	240 days	180 to 240 days		upper end
Internal storage	32 GB	0 to 32 GB		upper end
Protection rating	IP66	IP65 to IP67		within range
Night vision range	10 m	10 to 15 m		lower end
Devices per base station	8	4 to 10		within range
Detection types	motion, person	person, pet, vehicle		below range
Camera weight	280 g	not documented	—	no class value
Operating temperature	−20 to 50 °C	not documented	—	no class value
Price per camera	EUR 70.00	EUR 54.75 to 65.00		above class price

Notes on the measurements

Battery life. The 240-day figure is the maker's. Runtime beyond the five-day test cycle was not measured. **Detection range.** Motion across the image was detected more reliably than a direct approach. No distance in metres was recorded. **Dimensions.** The listing gives 12 × 7 × 14 cm without stating whether this refers to the camera, bracket or box.

Where the points were lost



Of 300 points available, 49 were lost to named findings. Each deduction is tied to a finding in the rating section.

How the result is calculated

The three rating areas enter the overall result with 100, 120 and 80 of 300 points. The weighted percentage determines the rating.

Area	Achieved	Available	Percent
A · Product Characteristics	85	100	85.00 %
B · Use and Safety	103	120	85.83 %
C · Feedback and Service	63	80	78.75 %
Total	251	300	—

$$(85.00 \times 100 + 85.83 \times 120 + 78.75 \times 80) \div 300 = \mathbf{83.67 \text{ percent}}$$

83.67 percent corresponds to the rating “good” on the rating key.

Overall result

84 %

OVERALL RATING

good

83.67 percent • 251 of 300 points

Qualifies for certification

Licence to use the seal granted

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Licence number	26009000908
Valid from	22.09.2026
First certified	22.09.2026
Test procedure	PM Standard, ten test parameters
Type of test	Commissioned test

Approved on 22.09.2026

Prüfmagazin, Quality Testing
Frankfurt am Main, Germany

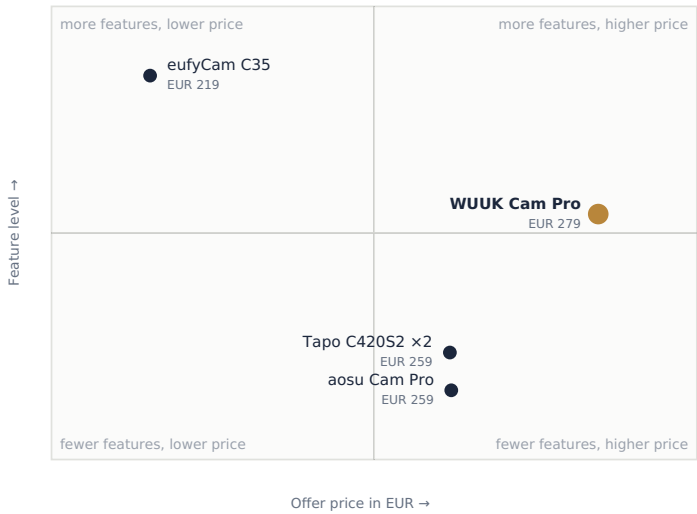


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Competing products

Product	Price	Key specs	Source
WUUK Wireless Cam Pro 4-pack	EUR 279.99	2K, 135°, 9,600 mAh, 32 GB, IP66	Listing 09/2026
aosu WirelessCam Pro 4-pack	EUR 259.99	2K, 166°, 5,200 mAh, 32 GB, IP65	Maker shop 09/2026
eufyCam C35 4-pack	from EUR 219.00	1080p, 130°, 8 GB plus microSD, IP67	Price comparison 2026
Tapo C420S2 2-pack	from EUR 129.90	2K, 113°, 6,700 mAh, microSD, IP65	Price comparison 04/2026

Price versus features



Reading the chart

The horizontal axis shows the offer price, the vertical axis the feature level. The test sample is highlighted.

The axes cover only the range in which the compared products actually sit, not the whole market. A dot far to the right means a higher price within this group, not expensive in absolute terms.

Equipment is an index of the documented features in the equipment profile, using only published values per device.

How the offer is priced

The gap is the premium of the test sample over each reference; a minus means the test sample is cheaper.

aosu WirelessCam Pro, 4 cameras	EUR 259.99	+EUR 20.00
eufyCam C35, 4 cameras	EUR 219.00	+EUR 60.99
Tapo C420S2, camera price × 4	EUR 259.80	+EUR 20.19
WUUK 2-pack plus 2 add-on cameras	EUR 339.97	–EUR 59.98

PRICE PER CAMERA • TEST SAMPLE

EUR 70.00

PRICE PER CAMERA • MARKET LEVEL

EUR 54.75 – 65.00

Prices change. All figures are dated snapshots. The report shows the arithmetic and makes no purchase recommendation.

RATING AREA A

Product Characteristics

85 / 100

85.0 % achieved · weight 33.3 %

1 Build Quality

Do materials, workmanship and finish look well made and suited to the intended use?

**42** / 50
84 %

FINDINGS

- IP66 marked on the test sample, class range IP65 to IP67
- Operates from –20 to 50 °C, charges from 0 to 50 °C
- 9,600 mAh battery in a closed plastic housing
- Dismount alarm with siren when the camera is removed

LIMITATIONS

- Ball joint of the bracket does not hold the tilt reliably
- Battery built in and not replaceable

2 Design

Are shape, colour and overall appearance coherent and appropriate to the function?

**18** / 20
90 %

FINDINGS

- White plastic housing with black front, oval shape
- Base station as a white dome, styling matches the cameras
- Lens, PIR sensor and spotlight grouped on one front panel

LIMITATIONS

- Cameras only in white; class partly offers black and green

3 Size & Weight

Are dimensions, weight and footprint in sensible proportion to the type of product?

**25** / 30
83 %

FINDINGS

- 280 g per camera per data sheet
- 12 × 7 × 14 cm per listing, reference not stated
- Wireless design without a power adapter at the camera

LIMITATIONS

- Tapo C420 measures 11.1 × 6.4 × 6.4 cm; the test sample is larger

RATING AREA B

Use and Safety

103 / 120

85.8 % achieved · weight 40.0 %

4 Functionality

Does the product do its core job reliably and with adequate performance?**31** / 40

78 %

FINDINGS

- 2304 × 1296 pixels, above the 1080p of the eufyCam C35
- 135° field of view within the class range of 113 to 166°
- Colour night vision via spotlight, 10 m range
- 32 GB local storage in the base station, encrypted
- Base on 2.4 and 5 GHz, cameras link to the base only

LIMITATIONS

- Motion across the image detected; direct approach late or not at all
- No pet or vehicle detection; class offers up to four types

5 Ease of Use & Suitability

Can the product be set up and used in everyday life without special effort?**36** / 40

90 %

FINDINGS

- Set-up guided step by step in the app
- Manual available digitally in the app
- Base on network cable to the router, cameras pair with the base
- Activity zones and three detection modes per camera
- Mounting without power cable, up to 8 devices on one base

LIMITATIONS

- Camera must be removed to charge and re-aligned on the ball joint

6 Safety

Are there recognisable risks in normal use, and are the relevant standards met?

36 / 40
90 %

FINDINGS

- Encrypted transfer between camera, base and app
- AI analysis runs locally on the base station
- No sharing with third parties without consent per statement
- Recordings stored locally, cloud optional only

LIMITATIONS

- No privacy mask, only activity zones for detection

RATING AREA C

Feedback and Service

63 / 80

78.8 % achieved · weight 26.7 %

7

Advertising Claims

Do the advertised claims hold up when checked on the sample?**11** / 15

73 %

FINDINGS

- 32 GB local storage without subscription delivered
- IP66 and dual-band Wi-Fi of the base confirmed on the sample
- Up to 8 devices per base station delivered
- Colour night vision with built-in spotlight delivered

LIMITATIONS

- 65 % more pixels than 1080p advertised, 44 % by calculation
- Six deviations in maker documents, e.g. IP66 versus IP67

8

Customer Feedback

What overall picture emerges from customer reviews?**14** / 20

70 %

FINDINGS

- 4.3 of 5 stars from 939 ratings, 86 % four or five stars
- 47 of 100 reviews praise fast, accommodating support
- 42 of 100 reviews call the set-up easy
- 40 of 100 reviews praise the image by day and night

LIMITATIONS

- 17 of 100 reviews report defects or failures
- 5 of 100 reviews report clouded lenses after 1 to 3 years

9

Packaging & Labelling

Are packaging, transport protection and mandatory information complete and clear?**13** / 15

87 %

FINDINGS

- Cameras and base station individually padded in the box
- EU address of the manufacturer printed on the packaging
- IP66 rating marked on the product
- Transparency statement under the EU Data Act in five languages

LIMITATIONS

- Listing has incorrect fields, e.g. country of origin Germany
- Transparency statement with translation errors in the German title

10

Value for Money

Is the price in reasonable proportion to the market level of its class?



25 / 30
83 %

FINDINGS

- EUR 70.00 per camera; aosu EUR 65.00 with 5,200 instead of 9,600 mAh
- 4-pack EUR 59.98 cheaper than 2-pack plus two add-on cameras
- No running costs for storage and person detection

LIMITATIONS

- EUR 70.00 per camera versus EUR 54.75 to 65.00 in the class

Seven levels per test item

Every test item is rated on the same scale. The levels are fixed before testing and identical for all products.

Level	Meaning
5 • fully met	The item is met without reservation. The value is at or above the category benchmark. There is nothing to object to.
4 • largely met	The item is met. Minor deviations are visible but have no effect in normal use.
3 • met with reservations	The item is met, but the value is below the category benchmark. Use remains possible, but takes more effort.
2 • partly met	The item is only partly met. The shortfall is noticeable in daily use and restricts it.
1 • barely met	The item is essentially not met. Normal use is clearly impaired.
0 • not met	The item is not met. The product cannot sensibly be used as intended in this respect.
X • not applicable	The item does not apply to this product. It causes no deduction and its weighting is removed from the calculation.

What this report covers

The report documents a functional test in everyday use. It sets the values found against the category benchmark and ties every point deducted to a named finding.

What it does not cover

It does not replace long-term testing, chemical analysis or testing under controlled climate conditions. It makes no statement about durability beyond the test period and gives no purchase recommendation.

Verification



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