



# HiLook THC-B223-M

· Specification summary

|                                     |                                                                                                                   |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Device class</b>                 | 2 MP Ultra Low Light Fixed Bullet Camera                                                                          |
| <b>Image sensor</b>                 | 2 MP CMOS                                                                                                         |
| <b>Resolution reference</b>         | 1920 × 1080 pixels, horizontal × vertical; selected output and recorder still apply                               |
| <b>Signal system</b>                | PAL / NTSC; confirm the selected output and recorder                                                              |
| <b>Video output</b>                 | One HD analogue output with switchable TVI / AHD / CVI / CVBS, not four simultaneous outputs or an IP stream      |
| <b>General frame-rate reference</b> | General table: PAL 1080p at 25 fps; NTSC 1080p at 30 fps.<br>Per-output-mode capability must be confirmed.        |
| <b>Shutter time</b>                 | PAL: 1/25 to 1/50,000 s; NTSC: 1/30 to 1/50,000 s; signal-system conditions apply                                 |
| <b>Minimum illumination</b>         | 0.005 lux at F2.0 with AGC on; 0 lux only with IR illumination; this condition does not confirm the supplied lens |
| <b>Day/night filter</b>             | IR cut filter as listed                                                                                           |
| <b>Day/night mode</b>               | Auto / Color / BW (black and white) listed; colour mode still requires suitable illumination                      |
| <b>Dynamic range</b>                | 120 dB true WDR as described on the cover                                                                         |
| <b>Noise reduction</b>              | 3D DNR as listed                                                                                                  |
| <b>Image parameter profiles</b>     | STD / HIGH-SAT as listed                                                                                          |
| <b>Image enhancement</b>            | BLC / HLC as listed                                                                                               |
| <b>Image settings</b>               | Brightness / mirror / Smart IR / sharpness / AGC listed                                                           |
| <b>Lens mount</b>                   | M12                                                                                                               |
| <b>Infrared technology</b>          | EXIR 2.0 infrared technology listed; confirm the illuminator configuration before selection                       |
| <b>Angle adjustment</b>             | Pan 0–360°, tilt 0–180°, rotation 0–360°; physical adjustment, not motorised PTZ or tracking                      |
| <b>Power input</b>                  | 12 V DC ±25% as listed; confirm a suitable supply and package contents                                            |
| <b>Maximum consumption</b>          | 5.6 W maximum as listed; not an adapter rating or PoE output                                                      |
| <b>Body material</b>                | Metal as listed                                                                                                   |
| <b>Operating temperature</b>        | -40 to 60 °C (-40 to 140 °F)                                                                                      |
| <b>Operating humidity</b>           | 90% or less, non-condensing                                                                                       |
| <b>Ingress protection</b>           | IP66 as listed; not an immersion or impact-resistance rating                                                      |
| <b>Weight reference</b>             | Approx. 550 g (1.21 lb) as listed; not a shipping-weight guarantee                                                |
| <b>Dimensions reference</b>         | 75.4 × 230.8 × 87.2 mm (2.97 × 9.09 × 3.43 in) as tabulated; confirm mounting clearance and the supplied unit     |

|                              |                                                                                                           |
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| <b>Optional junction box</b> | HIA-J101 junction box is optional; package inclusion not assumed.<br>Confirm suitability and availability |
|------------------------------|-----------------------------------------------------------------------------------------------------------|

Specifications are summarised from the manufacturer's published information (checked 2026-10-18). They describe the cited version only. Confirm the exact model, suffix and supplied revision before ordering. ISD confirms supply, price, availability and warranty separately.

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