



Hikvision DS-2CE5AH0T-AVPIT3ZF

· Specification summary

Device class	5 MP Dome Camera
Image sensor	5 MP CMOS; optical-format size not specified
Maximum resolution	2560 × 1944
Low-light reference	Color 0.01 lux at F1.2 with AGC on; 0 lux with IR
Shutter reference	PAL: 1/25 s to 1/50,000 s; NTSC: 1/30 s to 1/50,000 s
Day/night filter	IR cut filter (ICR)
Mounting-angle adjustment	Pan 0 to 355°; tilt 0 to 75°; rotation 0 to 355° for mounting adjustment, not motorized PTZ
Lens configuration	2.7 to 13.5 mm motorized varifocal lens; lens motor does not establish motorized pan/tilt
Lens-mount reference	Φ14
Horizontal field-of-view reference	95.7° to 29.1° across the listed motorized varifocal range; no vertical/diagonal values inferred
Synchronization reference	Internal synchronization
IR illumination range	Up to 40 m; not a guaranteed identification distance
EXIR reference	EXIR 2.0 stated; confirm actual lighting configuration
Day/night mode	Auto / Color / BW (black and white)
WDR reference	Digital WDR; no optical dB rating inferred
White-balance reference	ATW / MWB
Backlight compensation	BLC support
Noise-reduction reference	2D DNR
Image-settings reference	Brightness / Sharpness / DNR / Mirror / Smart IR
Image automatic gain control	Listed; confirm settings
Signal system	PAL / NTSC
PAL frame-rate reference	PAL: 5 MP at 20 fps; 4 MP or 1080p at 25 fps; source does not separate these modes by signal format
NTSC frame-rate reference	NTSC: 5 MP at 20 fps; 4 MP or 1080p at 30 fps; source does not separate these modes by signal format
Video-output reference	One port with switchable TVI, AHD, CVI or CVBS; not four simultaneous outputs
DC input reference	12 V DC ±15%; confirm actual input and wiring
AC input reference	24 V AC ±15%; confirm actual input and wiring
Camera power consumption	Only DS-2CE5AH0T-AVPIT3ZF: maximum 6.0 W; not the non-A 4.4 W branch

Material reference	Metal
Camera weight reference	Only DS-2CE5AH0T-AVPIT3ZF: Approximately 860 g (1.90 lb); not the non-A 815 g branch
Camera body dimensions	Ø145 mm × 111.3 mm; follow original mounting views, not package dimensions
Operating temperature	-40 to 60 °C
Humidity reference	90% or less, non-condensing
Communication reference	Up the coax, HIKVISION-C protocol with TVI output; not a network API or ONVIF claim
Protection reference	IP67 and IK10 as listed; confirm actual installation and sealing requirements
Mounting accessory reference	Listed accessory; confirm exact mounting combination: DS-1273ZJ-140-DM45 wall mount, DS-1280ZJ-DM45 junction box, DS-1281ZJ-DM45 inclined ceiling mount, DS-1271ZJ-140-DM45 pendant mount, DS-1275ZJ-SUS pole mount and DS-1276ZJ-SUS corner mount. Not assumed included

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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