



Hikvision DS-3WF0BC-2NT

· Specification summary

Device class	2.4 GHz elevator wireless bridge
Wireless standard and air rate	IEEE 802.11b/g/n, 2 × 2 MIMO, with an air-interface rate at most 300 Mbps. This is not an Ethernet-port or installed-payload throughput rating.
Radio band	2400 to 2483.5 MHz, the source-listed 2.4 GHz band. Confirm locally permitted channels and the supplied regional version.
Point-to-point throughput reference	The sheet gives a point-to-point reference of 30 Mbps at 0.2 km using HT40. Confirm alignment, path, interference, mode and actual traffic; this is separate from the 300 Mbps air-interface maximum and is not a site guarantee.
Antenna gain and beamwidth	Built-in 7 dBi antenna with 2 × 2 MIMO. Horizontal and vertical 3 dB beamwidths are each 65° in this edition. Match both ends and their alignment.
Transmit and receive conditions	Transmit reference: 23 dBm at 11n MCS0, subject to local regulations. Receive reference: -87 ±2 dBm at HT40 MCS0. These different conditions are not an end-to-end link guarantee.
Channel settings	Channel widths 10, 20 or 40 MHz; automatic or manual channel selection. Confirm the permitted plan and actual operating mode.
Ethernet interfaces	Two 10/100 Mbps RJ45 interfaces. PoE/LAN 1 is identified separately from LAN 2 in the physical-interface table; neither interface is described as gigabit.
Power supply	The sheet lists 12 to 24 VDC passive PoE supply. Confirm the approved injector, polarity, pin assignment, voltage and supplied equipment before connection.
Consumption conditions	Typical 1.89 W with one 2 MP IPC channel; maximum 3.7 W. These are device-consumption references, separate from adapter ratings, camera supply or a tested maximum channel count.
Management protocol references	NTP, SADP, HTTPS web management and SSH debugging appear in the protocol row. Confirm firmware, authentication and network access; this is not a recommendation to expose management publicly.
Wireless security references	WPA2-PSK and hidden wireless-network-name settings are listed. A hidden name does not establish access control or a secure configured network by itself.
Management, upgrades and logs	Web, iVMS-4200 and HCP management/upgrade references; Syslog and control-centre information are listed. Verify current platform versions and permissions separately.
Hik-Partner Pro reference	The sheet lists Hik-Partner Pro activation and remote management: reboot/restore, topology, AP/CPE connection status, wireless settings, bridge alignment and spectrum scanning. Confirm actual firmware, account and service availability before relying on these functions.
Indicators and reset	Power, LAN and signal-intensity indicators and a hardware reset button are listed. Reset restores factory settings; preserve configuration and confirm the actual procedure before use.

Body dimensions	Width 90.8 mm × height 187.87 mm × depth 57.87 mm, matching the whole dimension drawing. Allow separately for fixings, cable slots, covers, pole and installation clearance.
Package dimensions	256 × 231 × 86 mm package reference, separate from each device and the installed assembly.
Device and gross mass	Net 0.26 kg per device; gross reference 0.8 kg. The gross row does not explicitly assign a per-device basis, so confirm the actual packing and freight quantity.
Manufacturer packing reference	The cited edition describes paired packing: two bridges, two 12 VDC/1 A adapters, two 10/100 Mbps PoE injectors, four binding tapes and one quick-start guide. Confirm the actual ISD package and whether the enquiry quantity means individual devices or complete pairs; no automatic quantity conversion is made.
Operating and storage environment	Operation: -30 to 70 °C. Storage: -40 to 80 °C. Working and storage humidity 5% to 95%, non-condensing. Keep these conditions distinct and check associated equipment.
Mounting and ingress reference	Pole mounting and IP55 are listed. Confirm the mounting, cable entries, exposure and lift/site requirements; this does not establish IP67, an impact grade, marine protection or local installation approval.

Specifications are summarised from the manufacturer's published information (checked 2026-10-21). 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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