

**Product:** [DAP849-RWAAZT6O8EHH](#) 

**Dragonfly Industrial Wi-Fi 6 (802.11ax) Access Point**



**Product Description**

800 Outdoor Wi-Fi 6 (802.11ax) Access Point, 110V/230VAC, 1G ETH, 2.5G Fiber Optic, Extended Temp with Conf. Coating

**Technical Specifications**

**Product description**

Type:	DAP849-RWAAZT6O8EHH
Name:	DAP800 Industrial Wi-Fi 6 (802.11ax) Access Point
Part Number:	9AA 102 002
Port Type and Quantity:	2x 10/100/1000Mbps M12 X-coded, Eth, 2x 1000Mbps Fiber-Optic*, 2 x V.24 M12 A-coded, 1 x Air Valve, 1 x PSU 7/8" connector
Supported Radio Protocols:	IEEE 802.11b, 802.11a/g/n/ac, 802.11ax, up to 2.975Gbps (2.402Gbps in 5GHz and 573Mbps in 2.4GHz) data rate

**Radio technology**

Antenna connector:	External antennas, 2x2:2 @ 2.4GHz, 4x4:4 @ 5GHz, 1x1:1 for scanning, 7 x N female connectors, ANT1-ANT4 for 5GHz band, ANT5-ANT6 for 2.4GHz band
Frequency:	2.400 to 2.4835 GHz; 5.150 to 5.250 GHz; 5.250 to 5.350 GHz; 5.470 to 5.725 GHz; 5.725 to 5.850 GHz *available channels: Dependent on configured regulatory domain
Modulation Type:	802.11b: BPSK, QPSK, CCK; 802.11a/g/n/ac: BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM; 802.11ax: BPSK, QPSK, CCK, 16-QAM, 64-QAM, 256-QAM, 1024-QAM

**Power requirements**

Operating Voltage:	PSU 110V/230VAC
Power Consumption:	30 W

**Security features**

Authentication:	802.11i, WPA2(WPA2-Personal,WPA2 -Enterprise), WPA3 (WPA3-Personal,WPA3 -Enterprise), 802.1X, Advanced Encryption Standard (AES)
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**Software**

Management:	BWO mode management, MIMO configuration, Internal User Database, Zero-touch provisioning (ZTP), System log report,SNMP Trap Notification, LLDP (802.1AB), LLDP-MED, Password change on first login, SSHv2, HTTP, HTTPS, Responsive GUI, SNMP v1/v2/v3, Traps, Telnet, TFTP, Dual Software Image Support.
Security:	Captive Portal, Radius Client, Wireless QoS, Client sticky avoidance, User behavior tracking, Allow/block list, ACL, Rogue AP locating and suppression, Wireless Attack Detection, WIDS/WIPS based on BWO/DAC. MAC Address Limit Per Port, Restricted Management Access, Appropriate Use Banner, Multiple Privilege Levels, Local User Management.
Software features:	NTP client, EDCA based on WMM, DSCP/802.1p Mapping, BSS Coloring, PRP maintain trailer, Background scanning, MIMO configuration, DFS, DFS falling back to original channel, Designated DFS channel selection, Wireless MESH P2P/P2MP, Auto channel selection, Auto transmit power control, Dynamic bandwidth selection, Band steering, Client smart load balance, Static Unicast/Multicast Address Entries, VLAN (802.1Q), Independent VLAN Learning, QoS/Port Prioritization (802.1D/p), TOS/DSCP Prioritization, CoS Queue Management, Queue-Shaping/Max. Queue Bandwidth, Jumbo Frames, IGMP Snooping/Querier (v1/v2/v3), Unknown Multicast Filtering, IGMP Group Filtering per Port, Flow Control (802.3X), Egress Interface Shaping, Ingress Storm Protection. MRP Client, RSTP 802.1D-2004 (IEC62439-1), ERPS (G.8032), ERPS v2 (G.8032). Management Address Conflict Detection, LEDs, Device Status Indication.

**Ambient conditions**

Minimum Storage Temperature:	-40°C to +85 °C
Relative humidity (non-condensing):	10-95 %

**Mechanical construction**

Overall Width:	370 mm
Overall Height:	74 mm
Overall Depth:	260 mm

Weight:	3.5 kg
Mount Type:	Wall mounting
IP Protection Rating:	IP67

## Approvals

Safety of industrial control equipment:	EN 61131-2, EN 62368-1, EN 60950-22
FCC:	Yes
UL/cUL:	Yes
CE:	Yes
RoHS Compliant:	RoHS( 2011/65/EU,(EU)2015/863 ) and RoHS( GB/T26572-2011 ) compliant
Transportation:	EN 50121-4, EN 45545-2(HL3)
Radio:	EN 300 328 (2.4 GHz), EN 301 893 (5 GHz), EN 302 502 (5.8 GHz)

## Scope of delivery and accessories

Accessories to Order Separately:	EM12G OCTOPUS: Field attachable Gigabit Ethernet connector, M12 male, 8-pole, "X"-coded, Terminal Cable, M12-4pin to DB9: Terminal cable, Side A: M12 "A"-coded 4-pin connector, Side B: Sub-D connector, 9-pin, ANT Protector m-f, N-Abschl-Wdst. 50 Ohm, Fiber Connector(order at BTR NETCOM GmbH)
Scope of delivery:	1x DAP849 device, 1x Safety and general information sheet, 1x Outdoor safety instructions, RKC30/9, 7/8" Buchse 3-pol konfekt

## History

Update and Revision:	Revision Number: 0.2 Revision Date: 04-24-2026
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