



Belden Wireless Industrial Access Point for Infrastructure WLAN with WiFi7 chipset. The rugged water-tight design is used for indoor deployments in Warehouses and Factories. Maximum WLAN density at the highest reliability for applications like roaming AGV robots in Warehouses. For Europe. With 5 GHz (including DFS) support.

Technical drawing of the Gemini IGX external antenna. The drawing includes three views: a top view, a side view, and a perspective view.

Top View Dimensions:

- Overall width: 200
- Mounting hole pattern: 195
- Height: 40
- Front flange height: 17.2
- Side flange height: 22.6
- Connector labels: QLS Connector: Antenna (2x), M12 Connector: Ethernet, M12 Connector: Power & IO

Side View Dimensions:

- Overall height: 119
- Front flange height: 34.5
- Internal height: 50
- Bottom flange height: 14.5
- Width segments: 40, 30, 63.5, 23
- Mounting holes: M4 (4x)

Perspective View:

- Shows the antenna's profile and the 'Becken' logo.

LEDs:	On the top of the device: System (tri-color); Connectivity (tri-color)
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More Interfaces

Power supply/signaling contact:	1x M12 L-Coded (5 pins) for Power, Relais, Functional Earth; Can alternatively be powerd over Ethernet with PoE+
Ethernet:	1x M12 X-Coded (8-pole) for Ethernet and PoE+; 10/100/1000 Mbit/s

Radio technology

Antenna connector:	2x QLS® Advanced (female) for 5 GHz; QLS is compatible with all QLF connectors (e.g. QMA);
Frequency band:	Channel widths: 20, 40, 80, 160 MHz; 5GHz in 5180...5925MHz (2x2 MIMO);
Modulation:	OFDM up to 4096 QAM;

Power requirements

Operating Voltage:	9 to 36VDC on Power Connector; PoE+ on Ethernet Connector; No redundancy / fallback between them;
Power consumption:	max. 25 W
Redundancy functions:	Redundant Firmware Images

Ambient conditions

MTBF (Telcordia SR-332 Issue 3) @ 25°C:	15
Air Pressure (Operation):	Up to 2000m above sea level; Up to 4000m above sea level with Temperature derating according to IEEE1613-2009.
Degree of Protection when Installed:	IP65
Operating temperature:	-20-+65 °C
Minimum Storage Temperature:	-40 °C
Relative humidity (also condensing):	5-100 %

Mechanical construction

Dimensions (WxHxD):	200 x 135 x 40 mm; 7.9 x 5.3 x 1.6 inches
Weight:	600 g
Housing Material:	Aluminium bottom plate (powder coated); Plastic cover (PC-GF10);
Mount Type:	Ceiling, wall

Reliability

Guarantee:	5 years
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WLAN Access Point

Access Point Functionality:	Yes
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WLAN Client

Client / STA Functionality:	No
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Scope of delivery and accessories

Accessories to Order Separately:	2x2 MIMO External Antenna necessary (QLF Connector: QLS or QMA)
Scope of delivery:	1x Device; 1x Power Protection Cap; 1x Grounding Screw; 1x Safety Notice; 1x Packaging (Cardboard);

History

Update and Revision:	Revision Number: 0.6 Revision Date: 11-19-2025
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