![meshify logo]

Product Data Sheet

Defender Link™ Gateway

LoRaWAN gateway with Ethernet / Wi-Fi backhaul

Designed for large and small critical deployments

The Defender Link™ gateway serves as the central communication hub of your IoT ecosystem, providing always-on connectivity to safeguard your property, systems, and equipment. With real-time monitoring and instant response capabilities, you can protect what matters most.

Engineered for robust indoor wireless coverage and outstanding radio performance, the Defender Link gateway offers seamless support for both Ethernet and Wi-Fi backhaul. Its versatile design makes it an ideal solution for a wide range of environments from habitational and light industrial to large commercial spaces.

Key features:

• Indoor LoRaWAN gateway

• Supports NA915 (902-928MHz) ISM Band

• Ethernet or Wi-Fi backhaul

• External LoRa Antenna

• Operational Status LED

• 27 dBM Tx Power

meshify defender®

Meshify's next generation LoRaWAN solutions support a variety of property and equipment monitoring applications with long range and deep indoor coverage.

meshify protect™

Proprietary mobile app for activating Meshify's sensors and gateways, managing real-time alerts, and monitoring location status. Available for iOS and Android.

For more information, contact:
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Technical and functional system specifications

Mechanical	Dimensions	6.3" x 3.5" x 1.4" (160 x 90 x 35mm)
	Weight	5.75 oz (163 g)
	Case Material	PC-ABS
	Operating Temperature	-4°F to 131°F (-20°C to +55C)
	Operating Humidity	5% to 95%
	IP Rating	IP30
	LED	3 LEDs
Physical Interface/Connections	Backhaul Connectivity	Ethernet or Wi-Fi
	Ethernet	RJ-45 (10/100 Base-T)
	Wi-Fi	2.4 GHz
	Lora Antenna	RP-SMA (LoRa swivel antenna)
	USB	USB (Type A) connector for configuration
Power Requirements	Power	100-240 AC; 12V / 0.5A Adapter
	Power Source	Wall outlet
LoRa Connectivity	ISM Bands	NA915 (902-928MHz)
	Tx Power	20 dBm to 27 dBm
	Rx Sensitivity	-141 dBm (SF12)
Certifications	Regulatory	FCC, CE, LoRa Alliance
	Environmental	RoHS compliant