

IQ Logistics 400P Label

Durable UHF RFID Label for Cardboard Logistics



The IQ Logistics 400P Label from HID is a RAIN passive tag designed for seamless tracking of cardboard boxes in logistics operations. With a compact footprint and robust UHF RFID technology, this label delivers strong read range performance while remaining easy to deploy.

The IQ Logistics 400P is compatible with standard RFID printers, allowing for on-site encoding and printing, streamlining the labeling process. Its thermal barcode compatibility adds flexibility, making it a versatile choice for dynamic supply chain environments.

Built for durability, the IQ Logistics 400P label resists scratching, peeling, and UV degradation, ensuring reliable performance even during extended use. Its resilient design makes it ideal for rigorous logistics applications, where long-lasting label integrity is essential.

Perfect for warehouse inventory management and complex distribution networks, the IQ Logistics 400P label offers an efficient, high-performance solution for accurate, long-term tracking of cardboard packages.



KEY BENEFITS

- **Contactless** – High-performance RAIN UHF self-adhesive label for cardboard
- **Durable** – Resistant to scratching, peeling and UV degradation for long-lasting use
- **Printer Compatible** – Works with standard RFID printers for on-site encoding and printing

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APPLICATION AREAS

- Cardboard box logistics

TECHNOLOGY HIGHLIGHTS

RAIN (UHF)

- 860 – 960 MHz (Global)

Memory

- EPC – 128 bits
- Unique TID – 48 bits

	IQ Logistics 400P
Base Model Number	CP20020
	ELECTRONIC
Operating Frequency	865 – 928 MHz (Global)
Chip Type	M730
Memory	128 bit EPC
UHF Reading Distance 2 W Reader ERP, Free Space	Up to 26 ft (8 m)
	PHYSICAL
Dimensions	1.83 x 0.49 in (46.5 x 12.4 mm)
Mounting Method	Self-adhesive
Affixes To	Cardboard
Housing Material	Synthetic label
Color	White
Weight	0.005 oz (0.15 g)
	CHEMICAL AND MECHANICAL
Water	IP68, 68° F (20° C), 1 m x 24 h
Withstands Exposure To	N/A
Vibration and Shock	MIL STD 810-G
	THERMAL
Storage	-40° to +185° F (-40° to +85° C)
Operating	-40° to +185° F (-40° to +85° C)
	OTHER
Standards	UHF EPC Class 1 Gen 2, ISO 18000-6C
Options	Personalization on demand
Box Size	5000 pcs.
Warranty	1 year



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