

UHF | RAIN - Labels HID - IQ Labels Non-Metal

- RAIN RFID compliant (EPC Class 1 Gen2 / ISO 18000-63)
- Read ranges up to 18 m (model dependent)
- Self-adhesive or band/cable tie mounting options
- Optimized for inventory, logistics & industrial use
- PET or paper construction for robust performance



HF | NFC - Labels Digital Touchpoints Made Simple

HID UHF IQ Labels offer powerful long-range identification for demanding industrial, retail, and logistics environments. Built on EPC Class 1 Gen2 / ISO 18000-63 standards and featuring advanced UCODE 9 and M730 chipsets, these rugged, self-adhesive labels deliver excellent read performance, with ranges of up to 18 meters depending on the model. Their robust PET or paper construction ensures durability across supply chain, warehousing, and manufacturing workflows, making them ideal for tracking high volumes of assets with precision and efficiency.

Developed for scalable deployments, UHF IQ Labels make large inventories visible, traceable, and audit-ready. Whether used on packages, tools, equipment, or containers, they enable rapid scanning, process automation, and end-to-end transparency across every step of the supply chain. Custom printing and personalization options further enhance operational flexibility, while HID's proven quality assurance ensures that every label performs reliably in even the toughest environments.

Common Applications

- e-Government
- e-Healthcare
- Retail Marketing
- Asset Tracking
- Inventory Management
- Loyalty Programs



IQ 97 x 12

IQ 97 x 12

IQ 400P - 46x12

IQ 800P - 95x21

IQ 1200G - 92x26

IQ 1350P - 96x88

6M6F98-A00

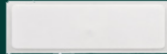
6M2F98



OEM Part Number (P/N)	6M6F98-A00	6M2F98	CP15924	CP15907	CP11485 - EU CP17806 - US	CP16443
Frequency	865-928 MHz (Global)	865-928 MHz (Global)	865-928 MHz (Global)	865-928 MHz (Global)	(EU) - 865-868 MHz (ETSI) (US) - 902-928 MHz (FCC)	865-928 MHz (Global)
IC type	M730	UCODE 9	M730	M730	M730	M730
Chip memory	128 bit EPC + 96 bit TID	96 bit EPC	128 bit EPC + 96 bit TID	128 bit EPC + 96 bit TID	128 bit EPC + 96 bit TID	128 bit EPC + 96 bit TID
Reading Distance	Up to 12 m	Up to 12 m	Up to 8 m	Up to 15 m	Up to 18 m	Up to 14 m
Antenna	90 x 10 mm	90 x 10 mm	42.4 x 10.325 mm	93 x 19 mm	87.9 x 22 mm	92 x 21 mm
Mounting Method	Self-adhesive	Self-adhesive	Self-adhesive	Self-adhesive	Self-adhesive	Cable ties or Bands
Affixes To	Flat, dry and non-metallic surfaces	Flat, dry and non-metallic surfaces	Flat, dry and non-metallic surfaces	Flat, dry and non-metallic surfaces	Flat, dry and non-metallic surfaces	Flat, dry and non-metallic surfaces
Housing Material	PET	PET	PET or Paper	PET	PET	PET
Water	IP67	IP67	IP68	IP68	IP68	IP68
Vibration	IEC 68.2.6	IEC 68.2.6	MIL STD 810-G	MIL STD 810-G	MIL STD 810-G	MIL STD 810-G
Shock	IEC 60068-2-27:2008	IEC 60068-2-27:2008	MIL STD 810-G	MIL STD 810-G	MIL STD 810-G	MIL STD 810-G
Storage	-40° to +85° C	-20° to +70°C	-40° to +85° C	-40° to +85° C	-40° to +85° C	-40° to +85° C
Operating	-40° to +85° C	- 20 °C to +70 °C	-40° to +85° C	-40° to +85° C	-40° to +85° C	-40° to +85° C
Standards	UHF EPC Class 1 Gen 2, ISO 18000-63	UHF EPC Class 1 Gen 2, ISO 18000-63	UHF EPC Class 1 Gen 2, ISO 18000-63	UHF EPC Class 1 Gen 2, ISO 18000-63	UHF EPC Class 1 Gen 2, ISO 18000-63	UHF EPC Class 1 Gen 2, ISO 18000-63
Box Size	5,000 pcs	5,000 pcs	1,000 pcs	1,000 pcs	1,000 pcs	1,000 pcs

IQ 48 x 13

IQ 76 x 16



OEM Part Number (P/N)	6M6F47	6M6F73-A00 (acrylic)
Frequency	865-928 MHz (Global)	865-928 MHz (Global)
IC type	M730	M730
Chip memory	128 bit EPC + 96 bit TID	128 bit EPC + 96 bit TID
Reading Distance	Up to 10 m	Up to 14 m
Antenna	44.4 x 10.3 mm	72 x 12 mm
Mounting Method	Self-adhesive	Self-adhesive
Affixes To	Flat, dry and non-metallic surfaces	Flat, dry and non-metallic surfaces
Housing Material	PET	PET
Water	IP67	IP67
Vibration	IEC 68.2.6	IEC 68.2.6
Shock	IEC 60068-2-27:2008	IEC 60068-2-27:2008
Storage	-40° to +85° C	-40° to +85° C
Operating	-40° to +85° C	-40° to +85° C
Standards	UHF EPC Class 1 Gen 2, ISO 18000-63	UHF EPC Class 1 Gen 2, ISO 18000-63
Box Size	2000 pcs.	2000 pcs.