

EnC AD-164U9 UHF RFID Wet Inlay

NXP UCode9



Key Features

RFID Frequency

865-867 MHz

Air Interface Protocol:

ISO 18000-6C EPC Clas 1 Gen 2)

Model

Wall / Pole Mounting

Gain

12 dBi

Read Range

12 m

Read Speed:

32bits/6ms

Dimension:

440mm(L) × 440mm(W) × 50mm(T)

Product Description

Get the AD-164U9 UHF RFID Wet Inlay by global RFID inlay manufacturing brand Avery Dennison. These RFID inlays are specially designed with a small form factor of 60mm x 4mm (Antenna) and can be easily used on pharmaceuticals, small liquid bottles, and plastic items in cosmetics, beauty and personal care, healthcare, etc.

The AD-164u U9 features the NXP UCODE 9 chip that is equipped with EPC memory of 96 bits including a 96-bit Tag Identifier (TID) with a 48-bit unique serial number factory-encoded into the TID. The RFID inlay offers great performance even with high dielectric materials such as glass, plastics, and liquids.

EnCstore offers AD-164u U9 RFID inlays that are ARC certified and follow the ISO 18000-63, EPCglobal gen2 V2 protocol, effectively being read by various handheld and fixed RFID readers. These inlays are available in dry and wet inlay forms and offer up to 7m of read range in challenging environments.

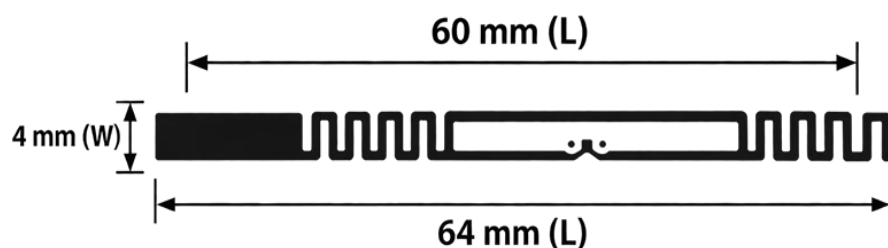
Tag Applications

- ❖ Healthcare and pharmaceuticals
- ❖ Beauty and personal care
- ❖ Houseware item tagging and tracking

Technical Specifications

Operating Frequency	865 - 867 MHz
Communication Protocol	ISO 18000-63 and EPCglobal Gen2v2
Chip Type	NXP UCode 9
EPC Memory	96 bits
User Memory	96 bits
TID Memory	96 bits
Tag Material	Wet Inlays/Paper Label/Polyester Label
Antenna Size	60mm(L) x 4mm(W)
Die cut dimensions	64mm(L) x 6mm(W)
Applicable Surface	Glass, Plastic, Wood, Cardboard
Attachment /Mounting Method	Adhesive
Read Range	~12m
Operating Temperature	-40°C to +85°C

Product Diagram



Antenna Size
60 mm (L) x 4 mm (W)

Die cut dimensions
64 mm (L) x 6 mm (W)



encstore.com



+91 81305 01143



www.encstore.com



sales@encstore.com



16D, First floor, Mahaluxmi Tower,
Sector-4, Vaishali, Ghaziabad-201010