



UHF Integrated Reader IF9C (9 dBi, Ethernet, RS485, Wiegand, Relay)

Model IF9C · Brand: Identium



A UHF RFID reader and 9 dBi antenna in one die-cast aluminium case, for parking lanes, gates and boom barriers. It reads up to 12 m and reports over Ethernet, RS232, RS485 or Wiegand 26/34, with a relay to trigger a barrier.

KEY FEATURES

- **Built-in 9 dBi antenna; read range up to 12 m (tag and mounting dependent)**
- **Ethernet (TCP/IP), RS232, RS485 and Wiegand 26/34 outputs**
- One relay (COM/NO/NC) to trigger a boom barrier or gate controller
- Compatible with ID Tech and ZKRFID software; SDK for your own application
- Same case, 9 dBi antenna and LED as the IF9A
- 865–868 MHz India UHF band; output power adjustable from 0 to 26 dBm

APPLICATIONS

Parking entry and exit

Vehicle access control

Boom barrier control

Residential society gates

Factory and campus gates

SPECIFICATIONS

Model	IF9C
Type	Integrated UHF reader: reader board and antenna in one case
Function	Read and write
Protocol	ISO 18000-6C (EPC Gen2)
Frequency	865–868 MHz (India UHF band)
Frequency hopping	FHSS or fixed frequency
RF chip	K9
Output power	0–26 dBm, adjustable
Antenna	Built-in 9 dBi

Read range	Up to 12 m (depends on tag, mounting and environment)
Interface	TCP/IP (Ethernet), RS232, RS485, Wiegand 26/34
Relay	1 group, COM / NO / NC
Work modes	Active, passive (command), trigger
Indicators	Multi-function LED: red for power, green for tag read
Compatible with	ID Tech and ZKRFID software
SDK	Available for secondary development
Power	DC 9–24 V; consumption ≤ 4 W
Wiring	Wiring details are supplied with the unit; ask us before planning the installation
Dimensions	About 260 × 260 mm front face (see the mechanical drawing)
Material	Die-cast aluminium case
Mounting	Universal antenna clamp (pipe clamp) for a pole, or L bracket; M6 hex bolts
Reader board operating temperature	–20 °C to +70 °C