



UHF-406

Mid Range Wiegand Reader

UHF-406 is an out door IP68-rated long-range 920-925MHz UHF card reader designed specifically for any UHF Card and Tag.

With its 16 feet read-range, TW-UR5 provides users convenient RFID authentication for many applications including door access, vehicular gate access and any application in which the user no longer needs to have their RFID credential held in close range to the RFID reader.

UHF-406 has a built-in Wiegand-Out port for control panel connectivity.

Features

Environmental Protection: The IP68 rating means it is completely airtight against dust and can be fully submerged in water. Ensuring longevity in extreme monsoon or coastal conditions.

Reading Speed: It processes tags in less than 6ms, allowing it to identify moving vehicles or fast-moving inventory on a conveyor without lag.

Dual Frequency Support: It is software-configurable to support: 865 to 868, 902 to 928, 910 to 914, 920 to 926 and 840 to 845

Antenna Logic: It utilizes a 12dBi high-gain antenna. Depending on your setup, it can be configured for circular polarization (better for varied tag angles) or linear polarization (better for max distance with specific tag orientation).

Specifications

Model	UHF406
Dimension	227*227*60(mm)
Reading Distance	0-5m
Communication Interface	Wiegand, USB , RS232, Inbuilt Relay,(TCP/IP Optional)
Frequency	865 to 868, 902 to 928, 910 to 914, 920 to 926 and 840 to 845
Reading Speed	< 6ms
Working Voltage	100-240V, DC+12V
Working Temperature	-20°C to 80°C
Storage Temperature	-40°C to 125°C
Humidity	20% RH - 95% RH Non Condensing
Interface Protocol	ISO 18000-6B, SO18000-6C(EPC GEN2)
Power	1W
Humidity	20% RH - 95% RH Non Condensing
Ingress Protection Rating	IP68 (waterproof and dustproof)
Status Indication	LED Indication(Red & Green) with buzzer

Applications



Parking Lot Management



Electronic Toll Management



Warehouse Management

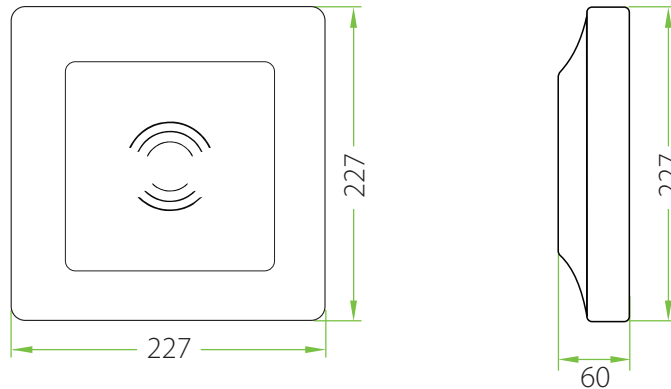


Employee/ Student Tracking



Vehicle Access Management

Dimensions (mm)



Connection to Boom Barrier Gate



Connection to Controller

