ASKA

NFC-9601

UHF Middle-range Integrative Reader

Technology specifications

Operating frequency	860MHz~960MHz (Adjustable for local regulation)
RF protocol	ISO18000-6B, EPC Class 1 GEN 2, ISO10374 Container Standard, TB/T3070-2002 Railway Standard
Operating method	FHSS or fixed frequency(set by software)
Antenna	Built-in 7.0dBi antenna
Power smoothness	<0.5DB
RF power range	20.0~30.0dBm(set by software)
Working mode	Identify tag mode can be set as: 1) Auto-reading tag in fixed time (Timing mode) 2) Reading tag by external trigger (Trigger mode) 3) Software command(Master-slave mode)
Reading/Writing tag time	No more than 5 ms every 8 bytes when reading, 25ms every 4 bytes when writing
Reading/Writing tag distance	Reading distance: >4m Writing distance: >2.8m(depends on tag and environment)
Communication interface	Type A:RS-232, RS-485, Wiegand26/34/42/50 Type E:RS-232, Wiegand26/34/42/50, Ethernet
Input/output	2 triggering input, 2 relays output
Optional function	2 relays output, CAN, ID match function, Offline function, Time function
Power supply	AC input: 100~240V, 50/60Hz 1.2A DC output: 5V/5A
Power consumption	≤5W
Product size	225mm*225mm*100mm
Packing size	450mm*300mm*140mm
Gross weight	2.8kg
Net weight	1.83kg
Working temperature	-20℃~+70℃ (-4℉~+158℉)
Storage temperature	-40℃~+85℃ (-40℉~+185℉)
Accessories	Power adapter, Power cable, RS-232 cable
Work status indication	Buzzer

Key Features

l Integrative design, nice appearance, easy to install

l Built-in high gain linear polarization antenna, long distance identification

l Support both ISO-18000-6B and ISO 18000-6C(EPC C1G2)

l FHSS operating method with super anti-interference ability

l Multi-reader synchronization

l Software supports various program languages

l Multiple communication interfaces, also can be customized

Typical Applications

l Intelligent traffic such as ETC, customs border-crossing, parking lot, automatic weighing etc

l Logistics such as container management, pallet management, asset tracking etc.

l Ticketing, time attendance& access control

l Pharmaceuticals such as medical waste management, warehouse management, production line management

l Document management