



RLF102A Panel Reader



RLF102A is a 134.2 kHz long-distance reader which is specially designed for reading the animal ID tags with ISO11784/ISO11785 standard. After reading the tag, it can directly output the information to the PC by format of RS232.

It is usually used at the livestock's passages and enclosures to do the work like automatic feeding, weighing, milking, butchering and to do the automatic identification about the tags during the breeding process.

Reading Specification							
reading standard		ISO11784/5 FDX-B					
frequency		134.2KHz					
storage temperature		-20°C to +50°C					
operation temperature		0°C to 50°C					
reading head specification							
color		black					
Dimensions		260 (length) * 260 (height) * 35 (thickness) mm					
G.W.		1.35kg					
Operating voltage		Vcc=12V					
Electric current		360mA (12V)					
Reading distance		FDX-B ear tag reading distance is 40cm-50cm (Based on exact situation)					
Specifications							
PIN	NAME	I/O	SYMBLE	MIN	TYP	MAX	DESCRITION
Red	VCC	I	VCC	10.5V	12V	13.5V	Power
Black	GND	I	VSS	-	-	-	Power
Yellow	PROGRAM1	I	Vi-H Vi-L	Vcc-0.2V -	Vcc GND	Vcc+0.2V Vss+0.2V	Select mode
Purple	PROGRAM2	I	Vi-H Vi-L	Vcc-0.2V -	Vcc GND	Vcc+0.2V Vss+0.2V	Select mode
Blue	RS232	O			±5V	±8V	RS232 output
Orange	For Customer	I	Vi-H Vi-L	Vcc-0.2V -	Vcc GND	Vcc+0.2V Vss+0.2V	Connected GND to light blue LED

