

# SMART MICROWAY PROX READER

Datasheet



## Specification

<b>Part Number *</b>	SMART9050 (YG-KET101HE )
<b>Model</b>	SMART MICROWAY PROX READER
<b>Frequency</b>	125KHZ (FSK)
<b>Card (Transponder)</b>	Proximity Card
<b>Read range *</b>	30 ~ 50 mm
<b>Card read time</b>	< 0.1sec (typical)
<b>Indicator</b>	Bi-Colour LED
<b>Output interface</b>	Wiegand /ABA2
<b>Power supply input</b>	5V ~ 15V DC
<b>Current</b>	<30 mA
<b>Operating temperature</b>	-20 °C ~ 70 °C
<b>Storage temperature</b>	-40°C ~ + 80°C
<b>Operating humidity</b>	0% - 95 % condensing
<b>Color</b>	Charcoal
<b>Weather - Proof</b>	IP65
<b>Dimensions(mm)</b>	45 x 75 x12mm
<b>Weight</b>	80g
<b>Certifications</b>	CE, C Tick, FCC
<b>Connector</b>	8 wires
<b>Data Transmit Distance*</b>	80 ~ 200 m

## Wiring Diagram

NAME	WIRE COLOR	DESCRIPTION
VCC	RED	+DC, 5V-15VDC
GND	BLACK	GROUND
DATA0	GREEN	DATA 0 (DATA)
DATA1	WHITE	DATA 1 (DATA)
RED LED	BROWN	RED LED CONTRL LINE, LOW VOLTAGE OPTIONAL CONNECTION
GREEN LED	ORANGE	GREEN LED CONTRL LINE, LOW VOLTAGE OPTIONAL CONNECTION
BUZZER	YELLOW	BUZZER CONTRL LINE, LOW VOLTAGE OPTIONAL CONNECTION
HOLD	BLUE	HOLD