

EM9981,9982,9983 RFID Keyfob Specification

Model No.	EM9981	EM9982	EM9983
Size	∅18mm	∅18mm	∅18mm
Thickness	1.5mm	1.5mm	1.5mm
Reading Distance	60mm	60mm	60mm
Base on GK4001 chip, with EM9917 reader			
Operating temperature	-40°C to 70°C	-40°C to 70°C	-40°C to 70°C
Storage temperature	-40°C to 80°C	-40°C to 80°C	-40°C to 80°C
Material	PC	PC	PC
Shower proof	Y	Y	Y
Technology			
GK4001 (125KHz,64bit,R/O)	Y	Y	Y
EM4102 (125KHz, 64bit,R/O)	Y	Y	Y
I-Code SLI (13.56MHz,1024bit,R/W)	Y	Y	Y
Mifare S50 (13.56MHz,1KByte,R/W)	N	N	N
Temic E5557 (125KHz,330bit,R/W)	Y	Y	Y
Hitag 1 (125KHz,2048bit,R/W)	Y	Y	Y
Hitag 2 (125KHz,256bit,R/W)	Y	Y	Y
Legic 256 (13.56MHz,256Byte,R/W)	Y	Y	Y

EM9987,9988 RFID Keyfob Specification

Model No.	EM9987GY	EM9987W	EM9988GY	EM9988W
Reading Distance	60mm	60mm	60mm	60mm
Base on GK4001 chip, with EM9917 reader				
Operating temperature	-40°C to 70°C	-40°C to 70°C	-40°C to 70°C	-40°C to 70°C
Storage temperature	-40°C to 80°C	-40°C to 80°C	-40°C to 80°C	-40°C to 80°C
Material	PC	PC	PC	PC
Water proof	Y	Y	Y	Y
Technology				
GK4001 (125KHz, 64bit, R/O)	Y	Y	Y	Y
EM4102 (125KHz, 64bit, R/O)	Y	Y	Y	Y
I-Code SLI (13.56MHz, 1024bit, R/W)	Y	Y	Y	Y
Mifare S50 (13.56MHz, 1KByte, R/W)	Y	Y	Y	Y
Temic E5557 (125KHz, 330bit, R/W)	Y	Y	Y	Y
Hitag 1 (125KHz, 2048bit, R/W)	Y	Y	Y	Y
Hitag 2 (125KHz, 256bit, R/W)	Y	Y	Y	Y
Legic 256 (13.56MHz, 256Byte, R/W)	Y	Y	Y	Y

Application: Door Access Control, Burglar Prevention, Patrol Management, Personal Identification, Car Park Control, Member Club Management, etc.