

Shenzhen Union Smart Card Co., Ltd.



iButton is a solution for fleet management tracker in these cases:
 Driver authorization , Immobilizer and AutoGeofencing.
 TM1990A, RW 1990A and TM1990A-F12 Touch memory key,
 Electronic key

Specification

Model	TM1990-F5
Application	Access control device
Casing	Stainless-steel case
Shape	Button Shape. Plastic holder is optional
Size	Dia 17.35mm * 5.89mm
Working principle	1-Wire® protocol 64-bit registration number
Working range	-40℃ ~ +85℃
Function	Read only
Read speed	within 5ms

Model	RW1990-F5
Application	Access control device
Casing	Stainless-steel case
Shape	Button Shape. Plastic holder is optional
Size	Dia 17.35mm * 5.89mm
Working principle	1-Wire® protocol 64-bit registration number
Working range	-40℃ ~ +85℃
Function	Read and write
Read speed	within 5ms

Model	TM1990A-F12
Application	Access control device
Casing	Stainless-steel case
Shape	Button Shape. Plastic holder is optional
Size	Dia 17.35mm * 12.15mm
Working principle	1-Wire® protocol 64-bit registration number
Working range	-40℃ ~ +85℃
Function	Read only
Read speed	within 5ms

Common iButton Features

Unique 64-Bit Registration Number Ensures Error-Free Device Selection and Absolute Traceability Because No Two Parts are Alike

Built-In Multidrop Controller for 1-Wire Net

Digital Identification by Momentary Contact

Data Can Be Accessed While Affixed to Object
Economically Communicates to Bus Master with a Single Digital Signal at 16.3kbps
Button Shape is Self-Aligning with Cup-Shaped Probes
Durable Stainless-Steel Case
Easily Affixed with Self-Stick Adhesive Backing, Latched by its Flange, or Locked with a Ring Pressed Onto its Rim
Applications/Uses
Access Control
Inventory Control
Tool Management
Work-in-Progress Tracking