AI series dynamic face recognition terminal parameters comparison

- **CPU/NPU**
  - CPU:1.2G Dual-Core ARM Cortex-A7
    NPU(Neural Network Processing Unit):0.6T
    RAM:256M DDR; ROM:4G EMMC
    Camera： 2MP HD color WDR camera, 2MP Infrared camera
    - AI01
    - AI02
    - AI03F
    - AI05
    - AI06
    - AI07
  - CPU:1.2G Dual-Core ARM Cortex-A7
    NPU(Neural Network Processing Unit):1.2T
    RAM:512M DDR; ROM:8G EMMC
    Camera： **SONY** 2MP HD color WDR camera, 2MP Infrared camera
    - AI08

  AI chip computing power is different
  Memory difference
  The camera is different

- **LCD**
  - 4.3-inch LCD screen
    - AI02
    - AI06
  - 5 inch IPS HD LCD screen
    - AI01
    - AI03F
    - AI05
    - AI07F
  - 8 inch IPS HD LCD screen
    - AI08

  Different screen sizes
  Whether the screen is HD

- **Capacity**
  - Standard face 5000, card 5000, password 5000 (optional: 20000)
    - A101
    - AI02
    - AI05
  - Standard: face 5000, fingerprint 10000, card 15000 (optional: 20000)
    - AI03F
    - AI07F
  - Standard face 20000, card 20000, password 20000
    - AI08

  Focus on the standard

- **Interface function**
  - Door sensor： ： support
    Alarm output： ： 1 set
    Usb Disk output:1 set
    Relay output:1 set
    Exit button: 1 set
    WG： ： 1 set WG In, out
    External alarm:support
    - AI01
    - AI08
  - Alarm output： ： 1 set
    Usb Disk output:1 set
    Relay output:1 set
    Exit button: 1 set
    WG： ： 1 set WG OUT
    External alarm:support
    - AI03F
    - AI05

    No WG IN
    No Door sensor
  - Door sensor： ： support
    Alarm output： ： 1 set
    Usb Disk output:1 set
    Relay output:1 set
    Exit button: 1 set
    WG： ： 1 set WG In, out
    Fire Input:1 set
    External alarm:support
    - AI02
    - AI06

    With fire input function
  - Door sensor： ： support
    Alarm output： ： 1 set
    Usb Disk output:1 set
    Relay output:1 set
    Exit button: 1 set
    Fire Input:1 set
    WG： ： 1 set WG In, out
    External alarm:support
    Tamper device
    Anti-pass back
    Internal doorlock
    Master and slave devices-compatible with our fingerprint machine
    - AI07F

    Most complete function

  Focus on Differences

- **Communication**
  - TCP/IP、USB disk、WIFI
    - AI01
    - AI02
    - AI03F
    - AI05
    - AI08
  - TCP/IP、USB disk、WIFI 、485
    - AI07F

  The AI07F has 485 communication

- **Recognition method**
  - Face, password, ID or IC
    - AI01
    - AI02
    - AI05
  - Face, fingerprint, password, ID or IC
    - AI03F
    - AI07F
  - Face, password, ID and IC
    - AI08

  Focus on AI08
  dual mode swipe card

- **Material**
  - Metal waterproof -IP65
    - AI01
  - Metal not waterproof
    - AI07F
    - AI08
  - Plastic not waterproof
    - AI02
    - AI03F
    - AI05
    - AI06