



Main Processor	16-bit, 32MHz, 128kB XLP MCU
Memory	64kB EEPROM, 8kB SRAM
Led	Status LED
Sound	Not Supported
Button	Replaceable Addressing Switch
RTC	Not Supported
Operating Temperature	0°C ~ 50°C (32°F ~ +122°F)
Storage Temperature	-40°C ~ 70°C (-40°F ~ +158°F)
Operating/Storage Humidity	0% ~ 80% / 0% ~ 95%, noncondensing
Dimensions	126 mm x 91.0 mm x 57 mm
Certificates	TS EN 55024/A1:2016 (EN 55024/A1:2015) TS EN 55032/A1:2021 (EN 55032/A1:2020) TS EN 62368-1:2020 – AC:2020 – A11:2020

Wi-Fi	Not Supported
Ethernet	Not Supported
RS-485	One (1) Channel Slave (38,400 Bd.)
RS-232	Not Supported
Wiegand	Four (4) Channels
Relay	Four (4) Relays: Max. Switching Voltage: 277 VAC – 28 VDC Max. Switching Current: 10 A
Inputs	Eight (8) Multi-Functional
USB	Not Supported
SD Card	Not Supported
PoE	Not Supported

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|--|-----------|----|-----------|-------|------------|------------|---------|----|----|-------|-------|----------|------------|-----|----------|------|-------|----------|----------|-----|----|
| 12VDC (+) | 12VDC (-) | | SHIELD | B (-) | A (+) | 12V (+) | GND (-) | DO | DI | I0 1 | I0 2 | 12V (+) | GND (-) | DO | DI | I0 3 | I0 4 | NC | COM | NO | |
| POWER | | | RS 485 #1 | | Wiegand #1 | | | | | | Input | | Wiegand #2 | | | | Input | | Relay #1 | | |
| <div style="display: flex; justify-content: space-between; align-items: center;">  Your Digital Key W4R4I08 </div> | | | | | | | | | | | | | | | | | | | | | |
| Wiegand #3 | | | | Input | | Wiegand #4 | | | | Input | | Relay #2 | | | Relay #3 | | | Relay #4 | | | |
| 12VDC (+) | GND (-) | DO | DI | I0 5 | I0 6 | 12V (+) | GND (-) | DO | DI | I0 7 | I0 8 | | NO | COM | NC | NO | COM | NC | NO | COM | NC |

The diagram illustrates the Armon system architecture. On the left, an 'Armon Web Arayüzü' (web interface) and an 'Armon Mobil Arayüzü' (mobile interface) are connected via 'WAN' to an 'INTERNET' cloud. The cloud connects via 'WAN' to three server racks labeled 'Armon Bulut Sunucusu'. These servers connect via 'WAN' to a 'TCP/IP' network hub. This hub is also connected to three 'armon' alarm panels (MS, WIR4016, and WSRB016). A '12V Alarm Input' is connected to the MS panel. The MS panel connects to a 'GSM Bütüsü' (GSM module), which connects to a smartphone icon. The WIR4016 panel connects to a 'Röle Çıkışı' (Relay Output), which connects to a 'Wiegand Yayıncı' (Wiegand transmitter). The WSRB016 panel connects to a 'Plaka Tanıma Kamerası' (License Plate Recognition Camera). Both the Wiegand transmitter and the license plate recognition camera connect to the 'TCP/IP' network hub.