

TR-WIA-AHP64-L

Alarm Control Panel



Key Features

- Hybrid system: 8 on-board zones and up to 56 expandable wired/wireless zones; 4 on-board outputs (2 relay, 2 I/O) and up to 60 expandable wired/wireless outputs
- Dual-path communication: Transmits alarm events and system signals via LAN, PSTN, Wi-Fi, GPRS, or 3G/4G using configurable primary and backup channels
- Video verification: Supports up to 4 IP cameras for event-triggered video recording (configurable 5s pre-alarm + 2s post-alarm or 2s pre-alarm + 5s post-alarm), with video clips sent to email or mobile client
- Flexible control: System can be armed/disarmed via keypad, key fob, SMS, mobile app, or RFID tag
- Open protocol support: Compatible with standard alarm communication protocols such as DC-09

Introduction

TR-WIA-AHP64-L is a hybrid intrusion control panel supporting both wired and wireless detectors. It allows transmission of verification images or videos from PIR cameras and supports user-uploaded custom voice files for alarm phone calls. With multiple communication options including Wi-Fi, TCP/IP, GPRS, 3G, and 4G, it's suitable for markets, hotels, warehouses, offices, and homes with existing cabling.

Specifications

Software features

Zones	64 (8 On-board zones, max 8 wired PIRCAM)
Area	32
User	Installer: 1 Administrator: 1 Operator: 62
SMS notification	Support (with GPRS/3G/4G module)
Onboard video clips	4
ARC protocol	ISAPI, Cloud P2P, SIA DC-09, CSV-IP, ISUP
Programming tools	Web client / Keypad
Firmware upgrade	Web client / PC client
End of Line Resistance	Support 1K, 2.2K, 4.7K, 5.6K, 6.8K, 8.2K

Hardware features

Alarm input	64 (Including 8 on-board zones)
Alarm output	64 (Including 2 on-board relay outputs and 2 on-board I/O outputs)
Power Output	1. Bell: maximum 12V 1.2A 2. AUX: maximum 12V 1.5A 3. Bell and AUX maximum 12V 2.1A
3/4G on board	Optional
GPRS on board	Optional
Wi-Fi	802.11b/g/n (2.4GHz)

Bus	1 High-speed communication bus port
Sounder output	1 Wired on-board sounder output
Tamper-Proof	1 switch to detect removal from mounting 1 switch to detect front cover open
Network interface	1 RJ45 10M/100M Ethernet interface

General

Power interface	100 to 240 VAC (on-board power transformer)
Power Consumption	1. 220V power supply ① With an alarm: 2A, 32W ② Without an alarm: 250mA, 4W Power Consumption 2. 13.5V battery supply ① With an alarm: 1.7A, 25W ② Without an alarm: 200mA, 2.7W
Battery type	Lead acid battery (12V 7Ah, battery is not included by default)
Battery life span	Up to 36hrs

Display

Indicator	4 On-board LEDs: ① 1 AC power LED indicator (Green) ② 1 System status LED indicator (Green/Red) ③ 1 PSTN status LED indicator (Green/Red) ④ 1 Mobile communication status LED indicator (Green/Red)
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General

Operation temperature	-10°C to 40°C
Operation humidity	10% to 90%
Shell material	Plastic
Color	White
Dimension (WxHxD)	261 mm × 199 mm × 86.4 mm
Weight	997 g

Device management

Tag	64
Key fob	64
Keypad	8
Wireless sounder	16

Note: Specifications are subject to change without notice.