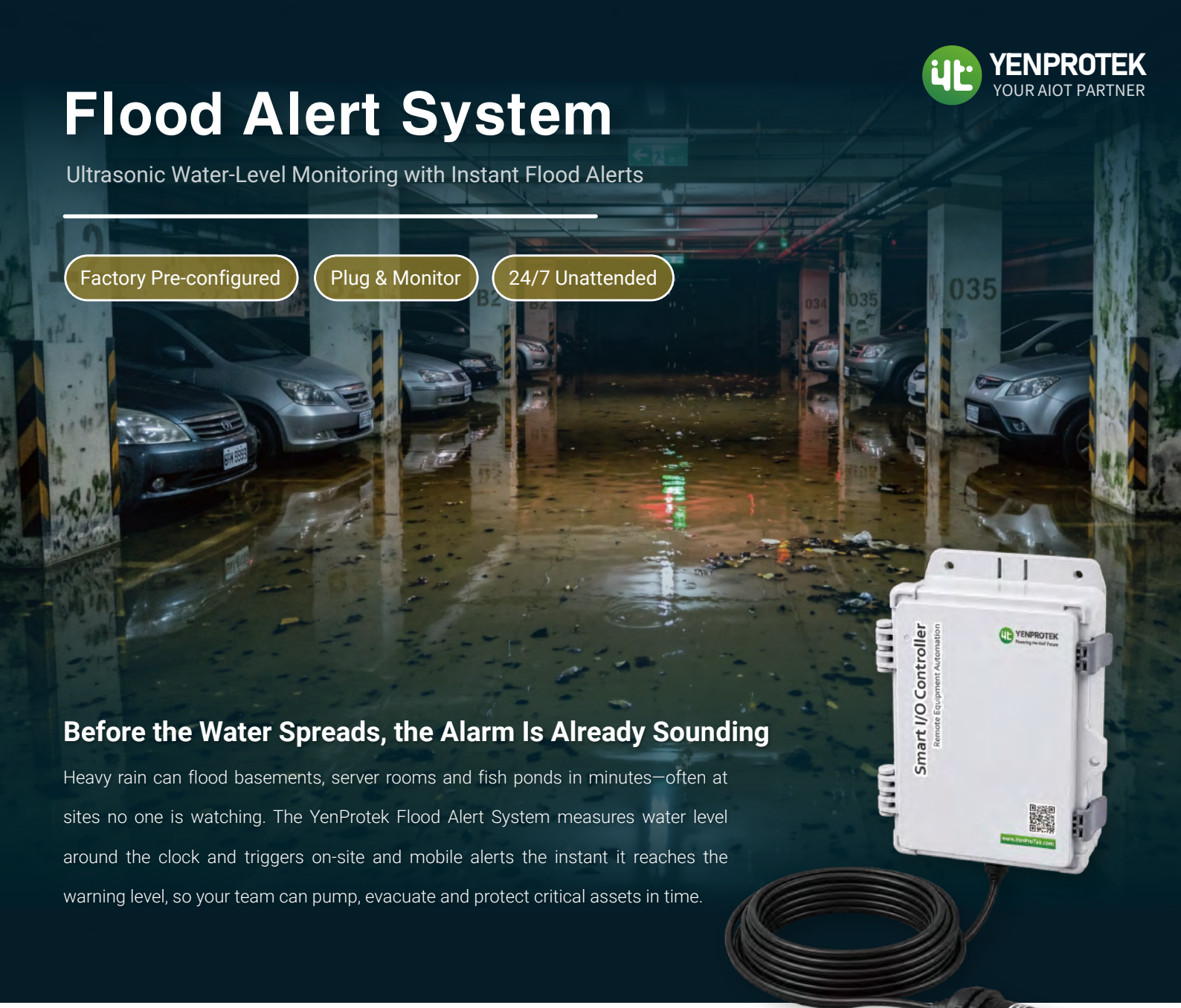
YENPROTEK
YOUR AIOT PARTNER

Flood Alert System

Ultrasonic Water-Level Monitoring with Instant Flood Alerts

Factory Pre-configured | Plug & Monitor | 24/7 Unattended



Before the Water Spreads, the Alarm Is Already Sounding

Heavy rain can flood basements, server rooms and fish ponds in minutes—often at sites no one is watching. The YenProtek Flood Alert System measures water level around the clock and triggers on-site and mobile alerts the instant it reaches the warning level, so your team can pump, evacuate and protect critical assets in time.

NON-CONTACT ULTRASONIC SENSING

Measures water level from above without touching the water—no fouling, no corrosion. 28–750 cm measuring range, with both the main unit and sensor rated IP67.

24/7 INSTANT MULTI-CHANNEL ALERTS

Continuous monitoring, nights and holidays included. On-site siren & strobe plus LINE, SMS and email the moment water hits the alert level.

POWER-LOSS & NETWORK BACKUP

Built-in backup battery keeps alarms running during power outages. Local data buffering resends readings once the network recovers.

Designed & Manufactured in Taiwan

www.yenprotek.com

HOW IT WORKS



Flood Alert Unit
+ Ultrasonic Sensor

4G LTE
NB-IoT
Wi-Fi

CLOUD PLATFORM
or On-Premises · API & MCP

Mobile Alerts
LINE · SMS · Email

On-site Siren & Strobe
LED warning sign (optional)

Remote Dashboard
Multi-site view · Auto pump start

WHY FLOOD ALERT SYSTEM

MANUAL PATROLS

- Flooding is noticed late, often after damage is done
- Submerged equipment, costly repairs and downtime
- Staff travel between sites just to check water levels
- The golden window to pump out is easily missed

WITH FLOOD ALERT SYSTEM

- Automatic 24/7 monitoring, nights and holidays included
- Instant alert the moment water reaches the warning level
- Faster response and less equipment damage
- One dashboard for every site, with far fewer patrols

SPECIFICATIONS

Feature	Specification
Sensor Type	Non-contact ultrasonic sensor
Measuring Range	28 ~ 750 cm (blind zone 0 ~ 28 cm)
Resolution	1 mm
Dimensions	277(L) × 187(W) × 130(H) mm
Enclosure	PC+ABS, industrial-grade UV-resistant
Power Supply	AC 110V / 220V or solar panel, with built-in backup battery
Connectivity	Wi-Fi / NB-IoT / LTE (4G)
Alert Channels	On-site siren & strobe, LINE, SMS, Email
Data Logging	Local buffering with auto-resend
Sampling Rate	User customizable (1 min ~ 24 hours)
Operating Temp.	-15°C to +60°C
Platform	YenProtek Cloud or on-premises; API & MCP integration
Options	LED warning sign, pump interlock via Smart Control Box, command-center dashboard

※ Backup duration and alert channels vary by configuration. Frequency bands, telecom networks and certifications vary by country—please contact us to confirm the right version for your site.

APPLICATIONS



Underpasses & Low-lying Roads



Server & Electrical Rooms



Underground Parking & Pits



Pumping Stations & Remote Sites



Aquaculture Ponds



Basements & Machine Rooms

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