

SIREN AMPLIFIER 1000



Powerful. Reliable. Clear.

The eWars Siren Amplifier 1000 is a high-power siren amplifier designed for emergency warning systems, security systems, and public announcements. With stable performance and crystal-clear audio quality, this amplifier is ready to perform in critical situations.



HIGH POWER

Output up to 1000W for loud and clear sound.



CLEAR SOUND

Optimal audio quality for sirens and public announcements.



RELIABLE & STABLE

Designed for long-term operation with high stability.



COOLING EFFICIENT

Optimized ventilation to maintain stable operating temperature.



EASY TO USE

Easy installation with responsive volume control.

TECHNICAL SPECIFICATIONS

Model	Siren Amplifier 1000
Output Power	1000W (Max)
Number of Channels	Up to 8 Channels
Output Impedance	4Ω / 8Ω / 16Ω
Input Sensitivity	775mV (Line In)
Frequency Response	100Hz – 10kHz
Total Harmonic Distortion (THD)	≤ 1%
Signal-to-Noise Ratio (S/N)	≥ 70dB
Power Supply	DC 24V
Power Consumption	≤ 40A (Max)
Cooling System	Passive Ventilation
Dimensions (W x D x H)	240 x 200 x 60 mm
Weight	2.3 kg
Material	Aluminium
Color	Blue Metallic
Country of Origin	Made in Malaysia

PRODUCT VIEWS

FRONT VIEW



REAR VIEW (UP TO 8 CHANNELS)



DIMENSIONS



* All dimensions are approximate.

APPLICATIONS



FLOOD WARNING SYSTEM
Early warning for flood risks to help communities take immediate action.



NATIONAL WARNING SYSTEM
Distribute important alerts and instructions nationwide.



TSUNAMI WARNING SYSTEM
Deliver tsunami alerts quickly to coastal communities.



LAND SLIDE WARNING SYSTEM
Provide timely alerts for landslide-prone areas to reduce risks.



DAM WARNING SYSTEM
Issue warnings for dam water level and safety emergencies.



NATIONAL WARNING SYSTEM
Support government initiatives for public safety and preparedness.

CONTACT US

+60 12-405 5758
04-339 5397
info@ingeniousts.com.my
www.ewars.com.my

OUR ADDRESS

No. 7, Jalan Kelisa Emas 3,
Taman Kelisa Emas, Seberang Jaya,
13700 Prai, Pulau Pinang,
Malaysia.



SOUND • SECURITY • SOLUTION



Scan for more information

FLOOD WARNING SYSTEM - SYSTEM DIAGRAM

The eWars Siren Amplifier 1000 is the core of the Flood Warning System, delivering powerful and clear alerts to communities in the event of rising water levels.

1. FIELD MONITORING & DATA COLLECTION

- RAIN GAUGE**
Measures rainfall intensity and total accumulation.
- WATER LEVEL SENSOR**
Monitors river, lake or canal water level in real time.
- FLOW METER**
Measures water flow and discharge rate.
- WEATHER STATION**
Monitors weather conditions such as wind, humidity, temperature.
- CCTV / CAMERA**
Real-time monitoring of river or flood prone areas.

SENSOR DATA TRANSMISSION

- 4G / LTE
- LoRa
- Radio
- Fiber / Network

2. CONTROL & DECISION CENTER

DATA SERVER ↔ **FLOOD MONITORING SOFTWARE**

OPERATOR CONSOLE → **ALERT LEVEL DECISION**

- NORMAL
- ALERT
- WARNING
- DANGER

3. COMMUNICATION NETWORK

- 4G / LTE
- Radio
- Fiber / Network
- Satellite (Optional)

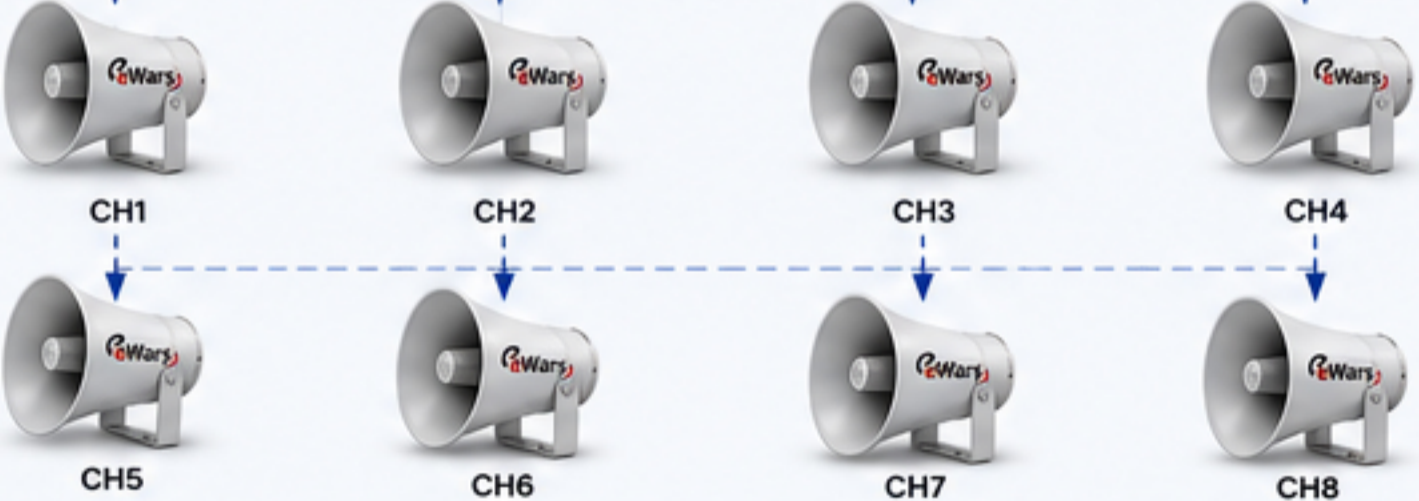
4. eWARS SIREN AMPLIFIER 1000



DC 24V INPUT **LINE IN** **SPEAKER OUTPUT (UP TO 8 CHANNELS)**

CH1 CH2 CH3 CH4 CH5 CH6 CH7 CH8

5. SIREN / SPEAKER NETWORK (UP TO 8 CHANNELS)



WIDE AREA ALERT COVERAGE
Riverside, Low-lying Areas, Communities, Roads, Bridges, Dams, and Critical Locations

6. ALERT DELIVERY TO COMMUNITY & AUTHORITIES

SIREN / SPEAKER  Loud and clear audio alert to the public.	SMS / APP NOTIFICATION  Instant alert to authorities and users.	EMAIL ALERT  Automatic email notification to stakeholders.	SOCIAL MEDIA ALERT  Public information dissemination via social media.	AUTOMATED CALL  Voice call alert to registered contacts.
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SYSTEM BENEFITS

- ✓ Early warning for flood risks
- ✓ Timely evacuation and preparedness
- ✓ Reduces loss of life and property
- ✓ Reliable and scalable system
- ✓ Real-time monitoring and alerting

SYSTEM FLOW SUMMARY

Sensors collect data → Data transmitted to Control Center → Decision made based on alert level → eWars Amplifier activated → Sirens broadcast warning → Community and authorities receive alerts.

LEGEND

- > Data / Control Flow
- - -> Audio Output (To Speakers)
- Power Supply (DC 24V)

LANDSLIDE WARNING SYSTEM – SYSTEM DIAGRAM



The eWars Siren Amplifier 1000 is the core of the Landslide Warning System, providing early alerts to at-risk communities for timely evacuation and risk reduction.

1. FIELD MONITORING & DATA COLLECTION

- RAINFALL SENSOR**
Measures rainfall intensity and accumulation.
- SOIL MOISTURE SENSOR**
Monitors soil moisture content in slope areas.
- TILT SENSOR / INCLINOMETER**
Detects ground movement and slope deformation.
- CRACK SENSOR**
Detects cracks and ground displacement.
- SEISMIC SENSOR**
Detects vibration or ground shaking.
- CCTV / CAMERA**
Real-time monitoring of slope condition.

SENSOR DATA TRANSMISSION

- 4G / LTE
- LoRa
- Radio
- Fiber / Network

2. CONTROL & DECISION CENTER

DATA SERVER ↔ **LANDSLIDE MONITORING SOFTWARE**

OPERATOR CONSOLE

ALERT LEVEL DECISION

- NORMAL
- WATCH
- WARNING
- DANGER

3. COMMUNICATION NETWORK

- 4G / LTE
- Radio
- Fiber / Network
- Satellite (Optional)


4. eWARS SIREN AMPLIFIER 1000



DC 24V INPUT | LINE IN | SPEAKER OUTPUT (UP TO 8 CHANNELS)

CH1 CH2 CH3 CH4 CH5 CH6 CH7 CH8

5. SIREN / SPEAKER NETWORK (UP TO 8 CHANNELS)



6. ALERT DELIVERY TO COMMUNITY & AUTHORITIES

- SIREN / SPEAKER**
Loud and clear audio alert to the public.
- SMS / APP NOTIFICATION**
Instant alert to authorities and users.
- EMAIL ALERT**
Automatic email notification to stakeholders.
- SOCIAL MEDIA ALERT**
Public information dissemination via social media.
- AUTOMATED CALL**
Voice call alert to registered contacts.

WIDE AREA ALERT COVERAGE
At-risk Slope Areas, Villages, Communities, Roads, Schools, and Critical Infrastructure

- ### SYSTEM BENEFITS
- ✓ Early detection of potential landslides
 - ✓ Timely alerts for evacuation and preparedness
 - ✓ Reduces loss of life and property
 - ✓ Reliable and scalable system
 - ✓ Real-time monitoring and alerting

