

# Outdoor Warning Siren Market in South Asia & Oceania to Reach US\$ 28.08 Million by 2034

*Outdoor warning siren market in South Asia & Oceania is growing due to rising natural disasters, government efforts, and community engagement for better safety.*

ROCKVILLE, MD, UNITED STATES, February 3, 2025 /EINPresswire.com/ -- According to a new report by Fact.MR, the [outdoor warning siren sales in South Asia & Oceania](#) are expected to reach US\$ 20.1 million in 2024, growing at a 3.4% CAGR through 2034. With

frequent earthquakes, tsunamis, and cyclones, these sirens are vital for public safety, though adoption varies by infrastructure, economy, and disaster frequency.

The growth of Emergency Alert Systems and its industrial use have increased demand for sophisticated public security equipment. Modern laser sirens are being used in several economies to replace antiquated systems. Manufacturers are creating better emergency alerting systems, which is propelling market expansion as businesses and governments place a higher priority on cutting-edge, effective public safety solutions.

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Technology developments like wireless and internet-based systems, which have made installation easier and maintenance costs lower, are driving the demand for sophisticated outdoor warning siren systems across South Asia and Oceania. The demand for enhanced warning systems has been further fueled by the rising frequency of natural catastrophes, such as floods, wildfires, tornadoes, and hurricanes. Furthermore, because military bases, airfields, and installations need dependable outside warning systems to notify personnel during emergencies or enemy attacks, the defense and military sectors have greatly boosted their usage of these systems. Sales have benefited from the increased use of sophisticated siren systems in a variety of industries, underscoring the vital role that technology plays in improving the region's security



and preparedness for disasters.

#### Key Takeaways from the Market Study:

The outdoor warning siren sales in South Asia & Oceania are expected to reach US\$ 28.08 million by 2034, growing at a 3.4% CAGR from 2024 to 2034.

India frequently experiences cyclones, floods, and earthquakes, which makes reliable early warning systems even more important. At a 2.7% compound annual growth rate, the outdoor warning siren market in the nation is projected to reach US\$ 6.7 million by 2034 from its 2024 valuation of US\$ 5.2 million. The government's emphasis on strengthening security measures and the increasing frequency of disasters are the main drivers of the increased adoption of these systems. Through community drills and public awareness efforts, federal and state activities have been instrumental in the deployment of sirens. Through emergency response education, these initiatives hope to promote a culture of readiness and prompt action.

The rest of South Asia & Oceania (SAO), including Bangladesh, Bhutan, Nepal, Sri Lanka, Pakistan, and the Maldives, is expanding its emergency siren infrastructure to address regional security and environmental risks. With a market value of US\$ 6.6 million in 2024 and a projected US\$ 9.8 million by 2034 at a 4.19% CAGR, community engagement plays a key role in their adoption. Governments in these nations are actively promoting awareness campaigns, public drills, and community initiatives to improve system efficiency. The complexity and implementation of warning systems vary based on each country's specific challenges. Advancing technology, regional collaboration, and strong public participation remain critical in ensuring these systems function effectively amidst growing environmental threats.

#### Key players in Outdoor Warning Siren Industry:

Key players in the outdoor warning siren industry are Honeywell International Inc.; Amber Technology; Redtronic; Siemens India; Federal Signal Corporation etc.

#### Advancements in Outdoor Warning Siren Technology:

When omni-directional technology was added to outdoor warning sirens, emergency alert system technology advanced significantly. Omni-directional sirens provide greater coverage than standard electromechanical sirens since they uniformly distribute sound in all directions, as opposed to emitting sound in only one. In areas vulnerable to natural catastrophes like hurricanes, tsunamis, and tornadoes, where sirens may warn huge populations, this is especially important because it gives them more time to flee or seek shelter. Omni-directional sirens can also be used to effectively alert workers and surrounding communities of accidents or spills of hazardous materials in industrial zones or places with chemical facilities. This is because they can broadcast a signal over longer distances.

Even though omni-directional sirens and other modern technologies are becoming more common, electromechanical sirens are still essential in many emergency systems. They are still quite effective in emergency situations because of their long-range, loud, and distinct sound production capabilities. Electromechanical sirens are still dependable, easy to use, and long-lasting, which makes them a popular option for outdoor warning systems in a variety of emergency scenarios. They can be powered by local grids or backup power sources like batteries or generators.

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