



IOL launches indigenous 'GARUD' High Resolution Binoculars for civil market

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India Optel Limited (IOL), a Mini Ratna Category-I Defence Public Sector Undertaking under the Department of Defence Production, has launched the indigenous 'GARUD' High Resolution Binoculars for the civil market. Developed and manufactured by Ordnance Factory, Dehradun, a unit of India Optel Limited, GARUD embodies the spirit of 'Aatmanirbhar Bharat' through indigenous design and manufacturing. With a rich legacy of precision optical manufacturing dating back to 1943, GARUD combines proven defence-grade expertise with modern technology to deliver reliable, high-quality optical performance for civilian users.

GARUD offers 8x magnification and a wide 7.6-degree field of view, enabling clear observation of distant objects while retaining a broad viewing perspective. The binocular features ± 5 diopter adjustment to accommodate individual eyesight, soft-touch eyecups for comfortable extended viewing and a secure, ergonomic grip. Its weather-resistant construction enables reliable use across varied outdoor conditions.

Weighing approximately 610 grams, GARUD combines portability with dependable performance in a compact design. It is suited for a wide range of applications, including birdwatching, wildlife observation, nature exploration, travel, sports, forestry, marine activities and security-related applications.

The launch marks IOL's entry into the civilian optics market, with GARUD representing the availability of India's trusted defence optical capabilities to the wider public, offering outdoor enthusiasts and professionals an opportunity to experience the precision and reliability developed through decades of service to the Nation. The product draws upon a binocular platform which has served as a trusted and reliable companion for the Defence Forces and Central Armed Police Forces in demanding operational conditions.

The indigenous optical product was launched in the presence of Joint Secretary (Land Systems) Dr Garima Bhagat at DPSU Bhawan, New Delhi on August 13, 2026. The event was attended by senior officers from the Department of Defence Production, Ministry of Youth Affairs & Sports; Central Armed Police Forces; and Wildlife Society of India, along with members of the Board of Directors and senior officers of IOL.



SR/Savvy

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