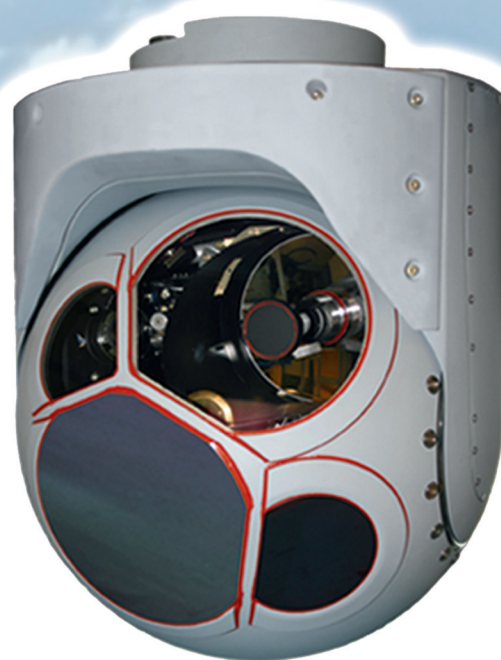


Long Range IR/EO-System by L-3 WESCAM



German Navy Buys MX-20 True HD for the P-3C



Taking over the maritime air surveillance airplanes from the Royal Dutch Air Force (RNLAf) means new tasks like the anti-terror mission at the Horn of Africa and missions in the framework of the EU anti-pirate-mandate. To accomplish those missions successfully, the P-3C of the German Navy will be equipped with new thermal image and electronic optics. The German authorities chose the Canadian L3-Wescam system MX-20, which proves to be a success in some other NATO nations already. However, the speciality of this model is the electro-optical focus from 9-17 mm in the zoom camera and the fixed focuses of 600, 1,200, 1,900 and 3,200 in the "spotter camera" both with a HD resolution (1,080p) and by this a picture area, which is about 460% larger than the normal PAL resolution. This higher resolution is fully usable with the MX-20HD since the pod has a precise stabilisation of typically 3 microrad. Another speciality of the MX-20HD is the "low light" CMCCM monochrome camera with also fixed focuses of 600, 1200, 1900 and 3200 mm which is able to identify objects and read ships' names at 1/4 moonlight. In addition, the MX-20HD is equipped with its own GPS and the useful feature to be able to track moving objects with the auto-video tracker even in obscure conditions or under clouds. Video outputs of the IR and EO cameras are active both in RGB (analog) and SDI (digital) in parallel. Telemeter is ready to support the German Navy's MX-20HD as an "Authorised Service Centre" as we did for the MX-15i and MX-15HDi series. In case you have similar requirements for fast and high altitude aircrafts we are eager to present this stabilised IR/EO-system to you.

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