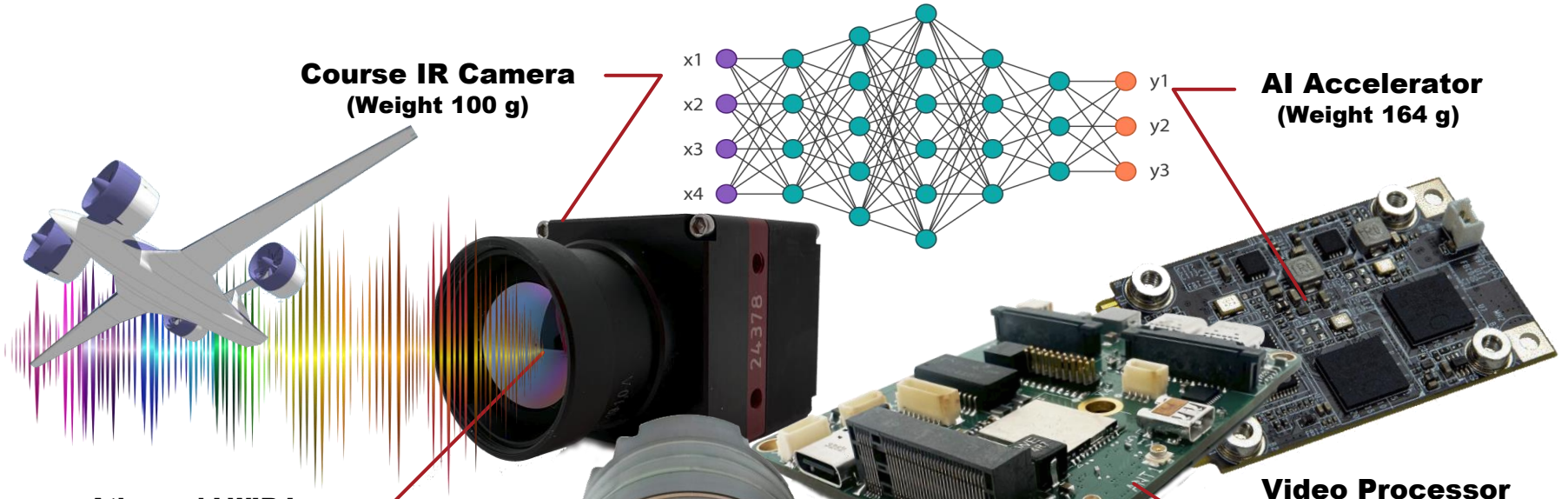
RIMCO.RU

Traveler-3M Radio Optical Guidance System / OEM

for Unmanned Aerial Vehicle/Unmanned Surface Vessels Integration

RIMCO' present its GNSS-denied vision-based navigation solution



Course IR Camera
(Weight 100 g)

AI Accelerator
(Weight 164 g)

Athermal LWIR Lens
with a focal length of 19 mm and a relative aperture of F/1.0.
(Weight 30 g)

Video Processor
OS: Ubuntu 22.04.5 LTS (GNU/Linux 5.10.198 aarch64)
RAM 16 GB;
ROM 128 GB;
6 TOPS;
Operating temperature -40...+85 ˚C;
8-Core Processor (4xCortex-A76 + 4xCortex-A55)
Operating Frequency of 1.6 GHz
(Weight 110 g)

Navigation IR Camera
with GWIR 0318X2A
for vision-based navigation systems
(Weight: 128 g)

Video processor with AI Accelerator for IR (infrared) camera are specialized software (SW) and hardware (HW) boards designed to handle high-noise, low-contrast infrared signals in real-time.

DM-150 Airborne Modem
Based on a Software-Defined Radio technology
Frequency: UHF, L/S-Bands
Range: 150 km + (air-to-air) @ 12 Mbps link rate
60 km + (air-to-ground) @ 4 Mbps link rate
(Weight 20 g)

NA-L-20-0,8-M LWIR Lens with a focal length of 20 mm.
Target Detection/Recognition/ Identification Range: 784 m / 196 m / 98 m
(Weight 100 g)

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