![UXV TECHNOLOGIES]

Optroxa DVC HD+

Optroxa DVC HD+ helps assisting with situational awareness and detection. The system can work in conjunction with multiple cameras and multiple streams. Camera can also stream video feeds to other networks that could be ATAK and other services.
Optroxa DVC HD+ is a computing core that will provide the user a wide range of features.

Optics

RGB Camera	Sony IMX 296C
	IMX296-C
	1/2.9" CMOS sensor, color, SONY® Pregius
	1440 x 1080 pixel, 1.6MP
	60fps
	global shutter
	FOV 95 or 50 degress
	Trigger input/flash trigger output
Infrared camera	FLIR Boson 640
FLIR Boson 640	14mm lens
	HFOV 32°
	50fps

Image Processing

Features	Electronic stabilization
	Tracking
	Moving target detection
	Classification
	Fusion
	Electronic Boresight alignment
	Custom integrations (through API)
	Birds eye view (with multiple camera and MFD)
	3D view (with multiple cameras and MFD)
	Radar View (with multiple cameras and MFD)
	Low Latency mode for driver assistance

Computing

Board	Nvidia Jetson Xavier NX
AI Performance	21 TOPS (trillion (10^{12}) Operations Per Second

GPU	384-core NVIDIA Volta™ GPU with 48 Tensor Cores
CPU	6-core NVIDIA Carmel ARM®v8.2 64-bit CPU 6MB L2 + 4MB L3
Memory/ram	8 GB 128-bit LPDDR4x 59.7GB/s
Storage	16 GB eMMC 5.1
Power	20W

Electrical

Connector	AMPhenol 8999 or ODU AMC
Voltage input	12-36V

Communication

Protocols	Ethernet opt. PoE
	CAN-BUS

Mechanical

IP Rating	68
Features	Gas filled head
	ML-810
	Build in sprinkler
	Custom mounting and shape possible on request

Contact our sales representative at sales@uxvtechnologies.com