



Vector Payloads

August 2022

Vector Payloads (1 of 2)

HD40-LV



Released

NightHawk2 UZ



Released

HD40-XV



Released

HD45-LV-CZ



Released

	HD40-LV	NightHawk2 UZ	HD40-XV	HD45-LV
Sensor Capability	Vector & Scorpion	Vector & Scorpion	Only Scorpion	Only Scorpion
EO Zoom	10 x optical, 2 x digital	20 x optical, 2 x digital	30 x optical, 2 x digital	3.5 x optical, 2 x digital
EO Resolution	1280 x 720 px	1280 x 720 px	1280 x 720 px	1280 x 720 px
IR Zoom	4 x digital	4 x digital	N/A	5 x optical, 2 x digital
IR Resolution	640 x 480 px	1280 x 720 px	N/A	640 x 512 px
Data rate	5 Mb/s (H264)	5 Mb/s (H264)	5 Mb/s (H264)	5 Mb/s (H264)
Power consumption	15 W	7 W	20 W	10 W
Weight	600 g / 1.3 lb	350 g / 0.8 lb	800 g / 1.7 lb	1200 g / 2.64 lb
MISC	KLV-Stream, GeoLock, Image stabilization, Object tracking	KLV-Stream, GeoLock, Image stabilization, Object tracking	KLV-Stream, GeoLock, Image stabilization, Object tracking	KLV-Stream, GeoLock, Image stabilization

Vector Payloads (2 of 2)

CM62



In Development

Raptor



Released

CM62			Raptor		
Sensor Capability		Features	Features		
EO Zoom		25 x optical, 2 x digital	40 x optical, 2 x digital		
EO Resolution		1920 x 1080 px	1920 x 1080 px		
IR Zoom		4 x digital	8 x digital		
IR Resolution		640 x 480 px	1280 x 720 px		
Data rate		5 Mb/s (H.264)	5 Mb/s (H.264)		
Power Consumption		7 W	10 W		
Weight		260 g / 0.57 lb	640 g / 1.41 lb		
MISC		KLV-Stream, GeoLock, Image stabilization, Object tracking	KLV-Stream, GeoLock, Image stabilization, Object tracking, Onboard storage in nose cone		

VECTOR & SCORPION

MULTIPLE SENSOR OPTIONS

TRILLIUM HD40-XV

50 MEGAPIXEL MAPPING
CAMERA

NEXTVISION NIGHTHAWK

MULTISPECTRAL 5-BAND

LIDAR QUBE240 SOLID STATE

