

Headwall is the proud recipient of:



Data Processing Units

Standard & Compact



FEATURES

- High-performance computers for managing hyperspectral data
- Available in standard and compact (airborne) versions
- 1TB solid state storage
- Interfaces: CameraLink, USB (2.0 & 3.0), Ethernet, VGA, HDMI
- Several available software packages

Compact HDPU	
Processor	Intel 2.4GHz quad-core i7
Software	Hyperspec® III (Linux and Windows compatible)
Memory	8 GB DDR3-DRAM
Storage	1 TB 2.5" SATA6 Solid-State-Drive
Power	+14 to +30 VDC; Less than 90W
Interfaces	VGA, TTL trigger input/output, USB 2.0; USB 3.0 (2), RS-232 serial, Gigabit Ethernet (2), CameraLink (4) (base or full)
Dimensions (cm)	21.08 w x 17.3 d x 16.2 h
Weight (kg)	2.8



Standard HDPU	
Processor	Intel 4.2 GHz quad-core i7 7th Gen
Software	Hyperspec® III (Windows 10)
Memory	8 GB DDR4-SDRAM
Storage	1 TB 2.5" SATA III Solid-State-Drive
Power	+90 to +265 VAC; Less than 300W
Interfaces	RS-232, HDMI. FRONT: USB 2.0 (3); REAR: USB 2.0 (2); USB 3.0 (4), Gigabit Ethernet (2), CameraLink (2) with remote
Dimensions (cm)	22.2 w x 27.6 d x 17.6 h
Weight (kg)	4.1



Micro-Hyperspec®

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Headwall's HDPUs are designed for the mission. The Standard HDPU is designed for lab and ground applications where weight and size are not crucial. The Compact version is for a range of airborne uses, including certain UAVs.

Each Data Processing Unit contains a full complement of interfaces for both input and output. Each is also loaded with mission-specific application software (for example, airborne or machine vision versions) that add capabilities aligned with those areas.

Headwall Photonics, Inc.
580 Main Street
Bolton, MA 01740

Tel: +1 (978) 353-4100
Fax: +1 (978) 348-1864
Skype: Headwall.Photonics

Headwall BVBA

Pegasus Park
De Kleetlaan 5 / 9
1831 Diegem, Belgium

information@headwall.be
www.headwall.be



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