



NightHawk

Specifications



Ver 1.5

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1 Introduction

The document describes the specifications of the NightHawk P1.

2 Specifications

Visible Camera	Visible 400-700 nm Zoom : x6.6 + x2 digital, (total x13.2) continuous zoom HFOV : 31° WFOV – 4.7° NFOV – 2.3° DFOV
Thermal Camera	LWIR uncooled (8-12μm) Resolution : 640x480 Zoom : x4 digital, continuous zoom HFOV : 18° W.FOV - 4.5° D.FOV continuous zoom
Range of rotation	Pan : -180° to +180° Tilt : -45° to +135°
Control Interface	RS-232
Stabilization	< 70 μrad
Power Requirement	7.5-15V DC
Power Consumption	<10 Watt
Dimensions	Diameter=66mm [2.6"]

	Height=94 mm [3.7"]
Weight	220 grams [7.8 oz.]
Temperature	-20°C [-4°F] to +55°C [+131°F]