

REVISION HISTORY				
REV	DESCRIPTION	DATE	DR BY	CH BY
A	RELEASE	5/20/2011	CB	REP

**POWER CONNECTOR**

12VDC, CENTER- POSITIVE, 2.1mmx5.5mm barrel

**LOAD CURRENT @ 12vDC ROOM TEMPERATURE**

0%= 60.2mA  
50%= 190mA  
100%= 359mA

**POWER LED**

ON= 5v board supply is present

**HIGH/ LOW CURRENT LED**

ON= 700mA maximum LED current, OFF= 350mA maximum LED current

**RS232 INTERFACE**

Connection to PC made via standard RS232 Cable  
3400bps, 8 pit, no parity, one stop bit

**USB INTERFACE**

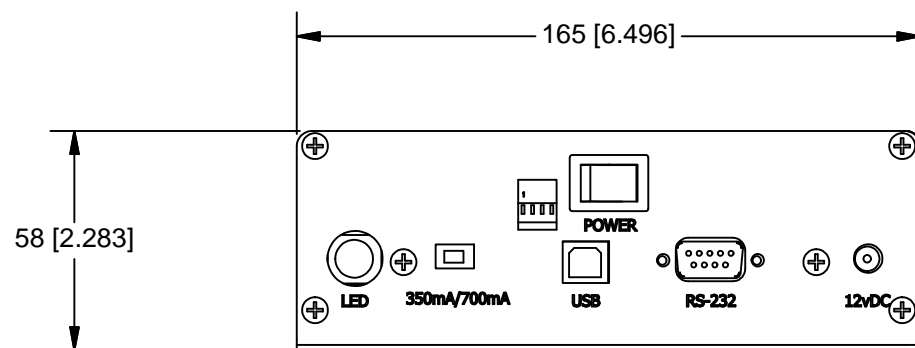
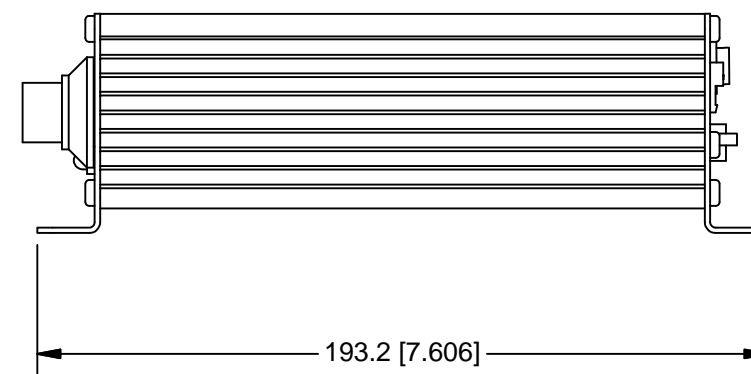
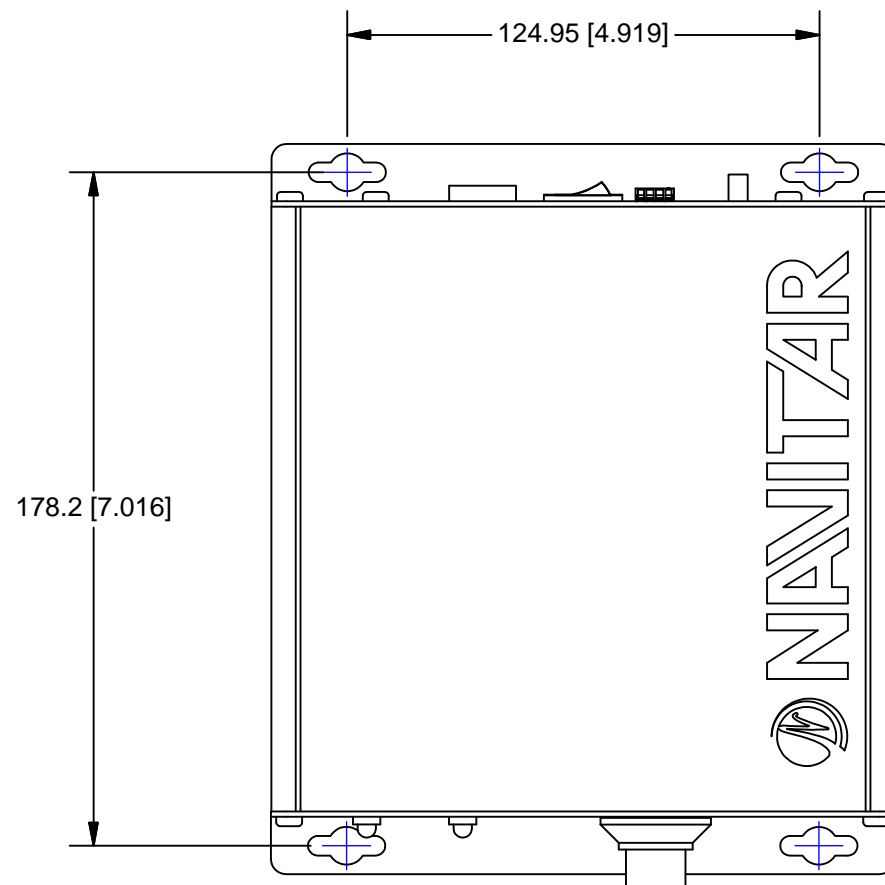
Connection to PC made via standard USB cable to USB port  
Requires installation of FTDI virtual COM port (VCP) driver on PC

**ROTARY ENCODER**

Manual LED control- .1% resolution

**LED CONNECTOR**

6 pin MINI-DIN  
Constant- current sink  
To enable HIGH/LOW current switch:  
Pins 3->5 and Pins 4->6  
must be tied together on LED harness



**OUTLINE**



Tampa, FL  
Phone: (813) 984-0125  
Contact: Sales@pyramidimaging.com  
<https://pyramidimaging.com>

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES [MM] AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	
SCALE:	1:2
WEIGHT:	N/A
DR BY:	CB
CH BY:	R. PODLENA
PROJECT #:	E2671
DATE DR:	5/19/2011

<b>PROPRIETARY AND CONFIDENTIAL</b>	
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0.0	1.0
inch	
0.0	25.0
mm	
DO NOT SCALE DRAWING	

		CONTROLLER,FL, 350mA/700mA, NAVITAR LED	
		SIZE <b>B</b>	1-40045 SHEET 2 OF 2
		REV <b>A</b>	