勁電科技有限公司 台灣新竹市 30055 北區金竹路 100 號 1 樓 IO-Power Technology Co., Ltd 1F., No.100, Jinzhu Rd., North Dist., Hsinchu City 30055, Taiwan
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Light Porch Device Power Consumption Test with IO-Power Outdoor DC UPS Series

Devices Provided by Light Porch International Inc.

Testing Result:

Product Model (camera)	Product Model (DC UPS)	Power Supply	Other Device (Power Consumption)	IR	Other Factor	Start Time	End Time	Total Lasting Time	Total Consumption
Light Porch NVR N1680P	IOP-USSP-1212-06B (148W)	12VDC ⟹ Power inverter ⟹ 110VAC	Power Inverter (power consumption 8W/h)		Transmission Loss: 25% (DC to AC)	14:00 8/9/2012	16:18 8/9/2012	2 hours 18 minutes (2.3 hours)	36.85W/h
Light Porch IP Cam IP-2000-IR	IOP-USSP-1212-06B (148W)	12VDC				12:40 8/14/2012	11:53 8/15/2012	23 hours 13 minutes (23.22 hours)	6.37W/h
Light Porch IP Cam IP-2000-IR	IOP-USSP-1206-03A (74W)	12VDC		V		09:00 8/16/2012	16:02 8/16/2012	7 hours 2 minutes (7 hours)	10.57W/h
Light Porch Speed Dome ID-6036X	IOP-USSP-1212-06B (148W)	12VDC		V		18:00 8/9/2012	00:26 8/10/2012	6 hours 265 minutes (6.43 hours)	23.02W/h

Light Porch NVR N1680P

Light Porch IP Cam IP-2000-IR (5 Ø LED*36)

Light Porch Speed Dome ID-6036X

IO-Power DC UPS IOP-USSP-1212-06B (148W)

IO-Power DC UPS IOP-USSP-1206-03A (74W)

Note: The camera consumption test is based on static shooting.

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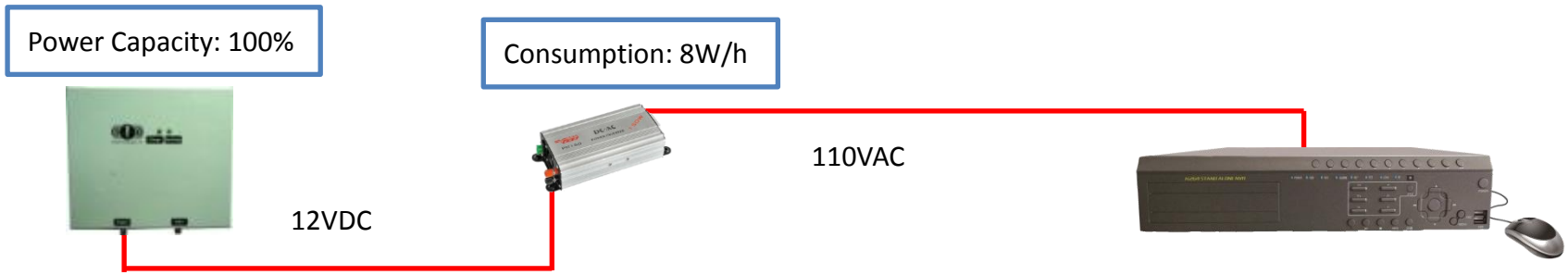
1. NVR (N1680P):



IOP-USSP-1212-06B
(148W)

12VDC to 110VAC
Power Converter

Light PorchN1680P

Start: 14:00 8/9/2012
End: 16:18 8/9/2012
Lasting Time: 2 hours 18 minutes (2.3 hours)

8W*3.28h=26.24W (total consumption of power converter)
148W*25%=37W (transmission loss from DC to AC)
148W-26.24W-37W=84.76W (total consumption of N1068P)

84.76W/2.3h=36.85W/h (actual consumption)

Note:
There were no cameras connected and the recording function was not working while testing.

NVR Information:
http://www.lightporch.com/?n1680p,333

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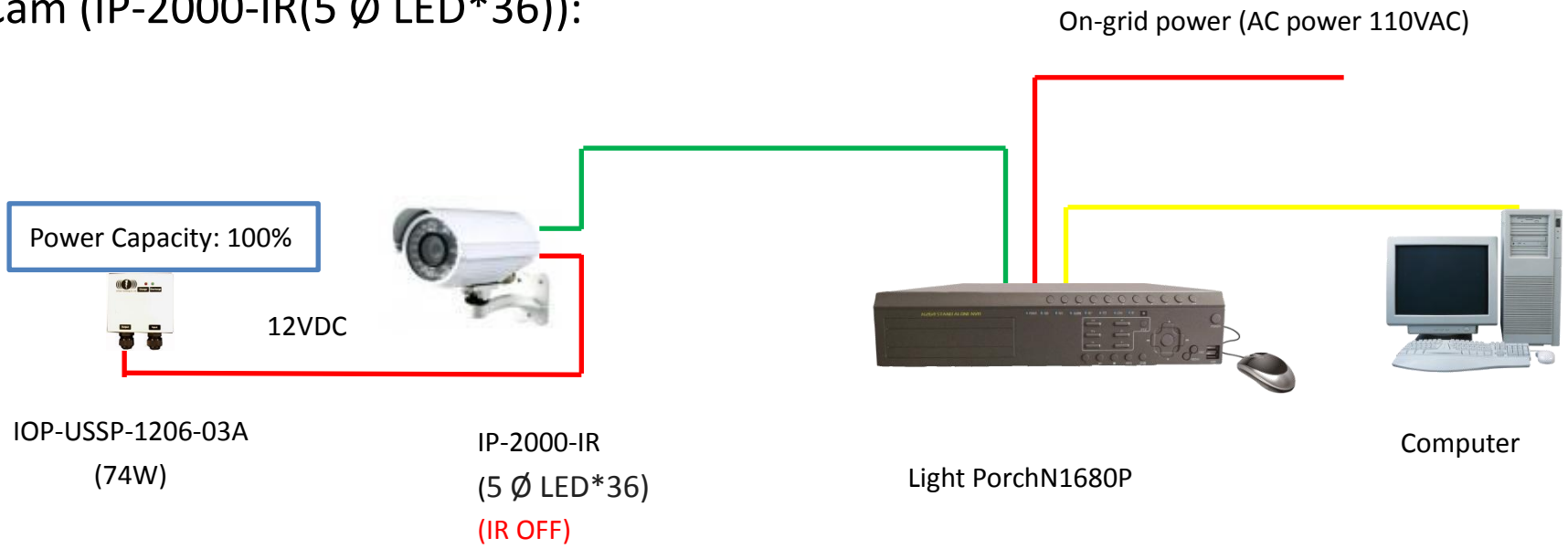
2. IP Cam (IP-2000-IR(5 Ø LED*36)):



Start: 12:40 8/14/2012
End: 11:53 8/15/2012
Lasting Time: 23 hours 13 minutes (23.22 hours)

148W/23.22h=6.37W/h (actual consumption)

IP Cam Information:
http://www.lightporch.com/?ip7000-ir,132

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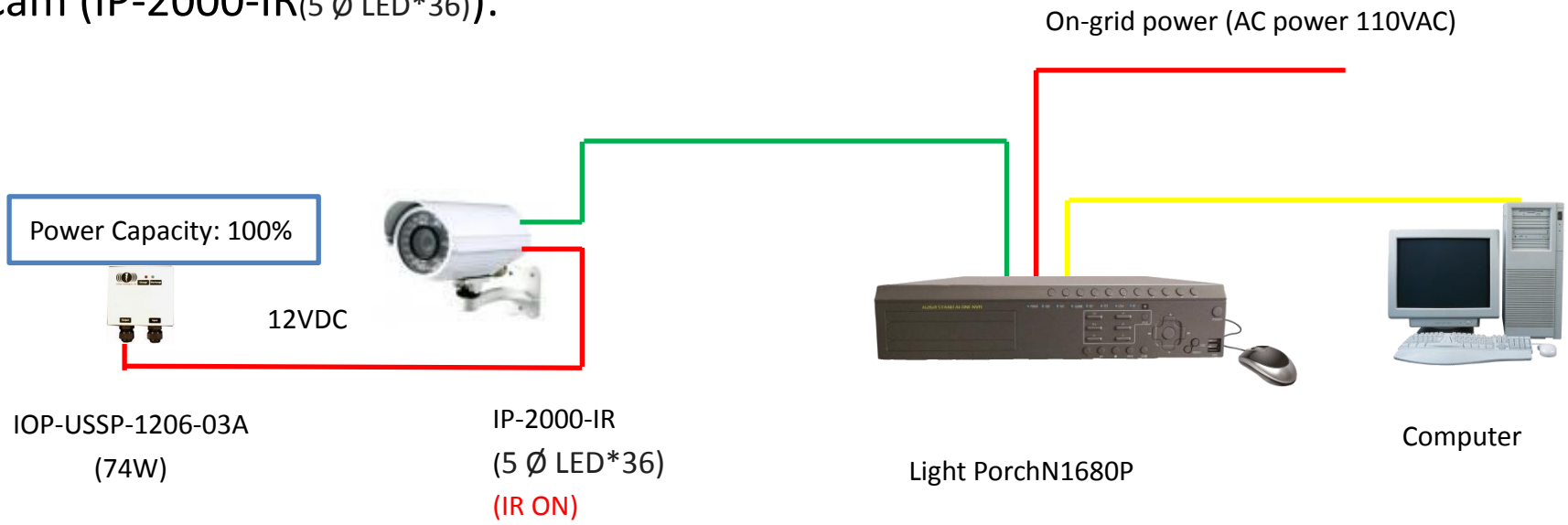
3. IP Cam (IP-2000-IR(5 Ø LED*36)):



Start: 09:00 8/16/2012
End: 16:02 8/16/2012
Lasting Time: 7 hours 2 minutes (7 hours)

74W/7h=10.57W/h (actual consumption)

IP Cam Information:
http://www.lightporch.com/?ip7000-ir,132

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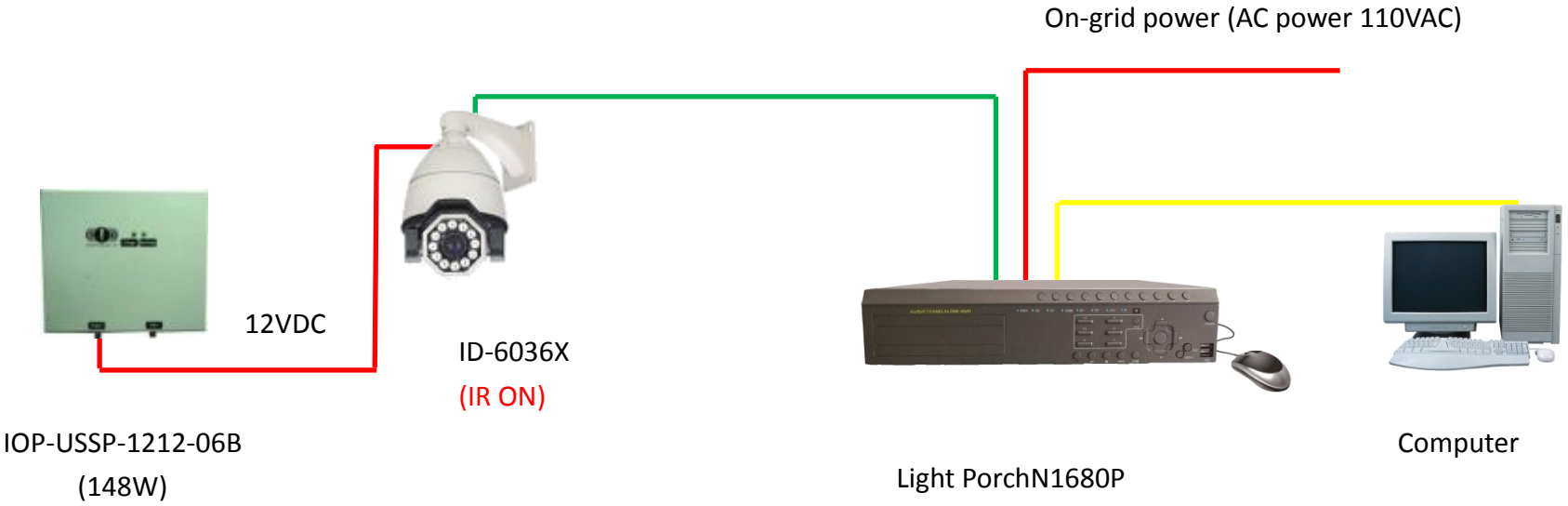
4. Speed Dome (ID-6036X):



Start: 18:00 8/9/2012
End: 00:26 8/10/2012
Lasting Time: 6 hours 26 minutes (6.43 hours)

148W/6.43h=23.02W/h (actual consumption)

Speed Dome Information:
http://www.lightporch.com/?%28id-6018x%29%E6%88%B6%E5%A4%96%E5%9E%8B%E9%AB%98%E9%80%9F%E7%90%83%E7%B4%85%E5%A4%96%E7%B7%9A%E6%94%9D%E5%BD%B1%E6%A9%9F,193