## Physical Specifications For RP-Xpress

### Performance

| Main View Camera: | ± 80° FOV horizontally  
|                  | ± 60° FOV vertically  
|                  | 6X digital zoom  
| Rear View Camera: | ± 43° viewing horizontally  
|                  | ± 32° viewing vertically  
| Audio: Microphone: | mono, directional (hyper-cardioid), 10Hz-40kHz  
|                  | Sampling: 22 kHz 16-bit audio  
| Video: Camera: | remote digital zoom & focus  
| Video: | Video: 30 fps, 640x480 px resolution, 24-bit color  
| Display: | 10.4" LCD Touch Screen, 1024x768 px, 250 NITS  
| Rear Viewfinder Display: | 3.5" LCD  
| WiFi Network: | 802.11 a, b, g, or n Wireless Network  
| Wired Network: | Gigabit Ethernet LAN  
| Battery Life: | 2 hours (depending on usage)  
| Battery Specification: | Inspired Energy NI2040XD24, 7.2Ah, 10.8V  
| Charging Time: | 2 hours from 20% discharge to 80% charge  
|                  | 2.5 hours from 20% to 100% charge  
|                  | 3.5 hours from 0% to 100% charge  

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a. For cellular-enabled units only.
System Power Specifications:

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Output Voltage:</td>
<td>24 Vdc</td>
</tr>
<tr>
<td>Output Current:</td>
<td>2.1 Amps</td>
</tr>
<tr>
<td>Input Power</td>
<td>100-240 Vac ~ 1.5 A, 50-60 Hz</td>
</tr>
</tbody>
</table>

Classification:

Class II, Type BF, Continuous Operation

General Specifications:

- CSA C22.2#601.1: Issue:1990/01/01 Medical Electrical Equipment - Part 1: General Requirements for Safety General Instruction No 1; Supplement 1; 1994; Amendment 2 - February 1998; Update No. 2 (R2001).

EMC Classification:


Environmental Specifications:

Operating:

- Designed to operate in an environment suitable for human personnel.
  (10° to 40° C, 30 to 75% RH, 700 hPa to 1,065 hPa)

Non-operating:

- Designed to travel to installations in commercial and cargo airliners and standard ground transportation.
  (0° to +50° C, 10 to 95% RH, 700 hPa to 1,065 hPa)
  - Ruggedized per MIL810F

Ingress Protection (IP) Rating:

- The RP-Xpress has been tested and rated to be IP 3X.