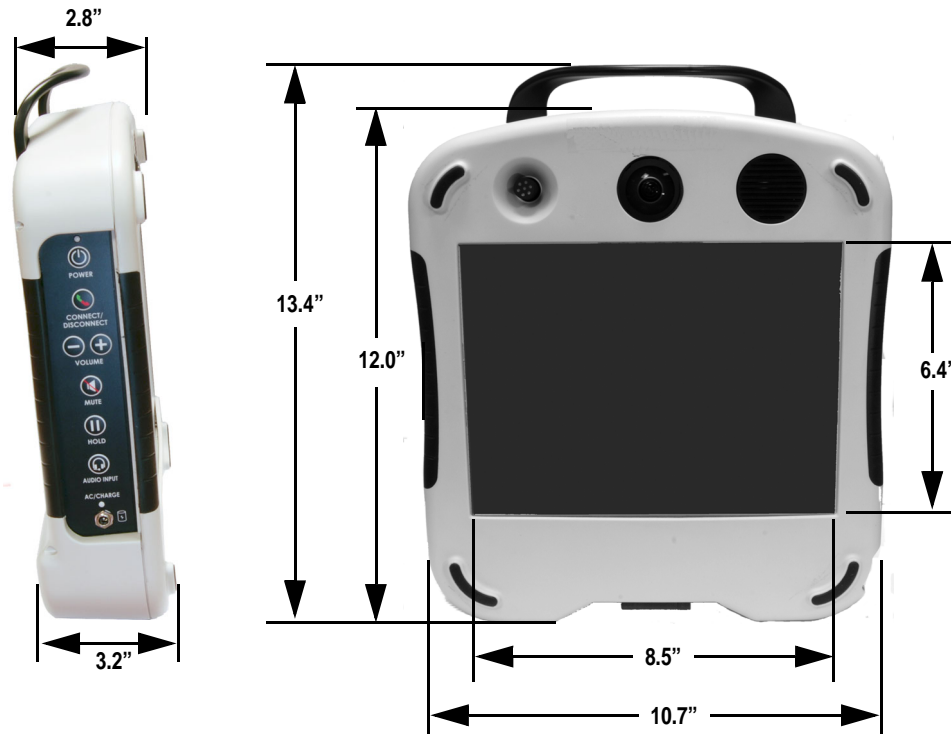


RP-Xpress Technical Specifications

Physical Specifications For RP-Xpress



Weight: 7 lbs. with battery

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, Speaker: One 5 W mono	Sampling: 22 kHz 16-bit audio
Video:	Camera: remote digital zoom & focus 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
Cellular Network: ^a	Mobile Broadband EV-DO / EV-DO Rev. A / HSPA / HSDPA / GPRS / EDGE / GSM	
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	

a. For cellular-enabled units only.

System Power Specifications:

Power Supply Specification	Magic Power MPM-X50-24
Output Voltage:	24 Vdc
Output Current:	2.1 Amps
Input Power	100-240 Vac ~ 1.5 A, 50-60 Hz

Classification:

Class II, Type BF, Continuous Operation

General Specifications:

- UL 60601-1: Issued: 2003-04-25 Standard for Safety Medical Electrical Equipment, Part 1: General Requirements for Safety, Ed.:1 Rev: 2006/04/26
- 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:

- EN 60601-1-2:2001, A1:2006 Medical electrical equipment – Part 1-2: General requirements for safety – Collateral standard: Electromagnetic compatibility – Requirements and tests
- IEC 60601-1-2:2001, A1:2004 Medical Electrical Equipment – Part 1-2: General Requirements for Safety – Collateral Standard: Electromagnetic compatibility – Requirements and tests

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.