



**JAN 2011 - HARDWARE SPECIFICATIONS SUBJECT TO CHANGE**



**Observer Enterprise 1RU**



**Observer Enterprise 3RU**

<b>RACK MOUNTABLE HARDWARE CHASSIS</b>		
	<b>1RU</b>	<b>3RU</b>
<b>Chassis Details</b>	✓ RAID-5 Hot Swappable Redundancy ✓ Dual Power Supplies ✓ IMPI Watchdog ✓ Supports up to 4 Analog SD channels & 1 SD SDI or HD SDI Channel	✓ RAID-5 or 6 Hot Swappable Redundancy ✓ Triple Power Supplies ✓ IMPI Watchdog ✓ Higher Channel Density - up to 8 Analog SD Channels & up to 4 SD SDI or HD SDI Channels
<b>VIDEO INPUTS (NSTC/PAL/SECAM)</b>		
	<b>1RU</b>	<b>3RU</b>
Analog SD	1-4 channels	1-8 channels
SD SDI	1 channel	1-4 channels
HD SDI	1 channel	1-4 channels
<b>MAXIMUM DAYS* OF STORAGE</b>	*1RU Chassis expandable to additional internal storage for more logging duration, plus unlimited scalability for external storage	
	<b>1RU</b>	<b>3RU</b>
<b>Analog SD</b>	✓ For single and dual channels, systems scale up to 640x480 at 1Mbps with half the amount of storage.	
1 Channel	Up to 1 year @ 320x240, 512kbps	Up to 3+ years @ 320x240, 512kbps
2 Channels	Up to 6 months @ 320x240, 512kbps	Up to 2 years @ 320x240, 512kbps
4 Channels	Up to 3 months @ 320x240, 512kbps	Up to 1 year @ 320x240, 512kbps
8 Channels	N/A	Up to 6 months @ 320x240, 512kbps

<b>SD SDI</b>	<b>✓ For single and dual channels, systems scale up to 640x480 at 1Mbps with half the amount of storage.</b>	<b>✓ For single and dual channels, systems scale up to 640x480 at 1Mbps with half the amount of storage.</b>
1 Channel	Up to 1 year @ 320x240, 512kbps	Up to 3+ years @ 320x240, 512kbps
2 Channels	N/A	Up to 2 years @ 320x240, 512kbps
4 Channels	N/A	Up to 1 year @ 320x240, 512kbps
<b>HD SDI</b>	<b>✓ All capacities listed for standard resolution and bit rates (768x432, 1.5Mbps high definition)</b>	<b>✓ All capacities listed for standard resolution and bit rates (768x432, 1.5Mbps high definition)</b>
1 Channel	Up to 3 months @ 768x432, 1.5mbps	Up to 1 year @ 768x432, 1.5mbps
2 Channels	N/A	Up to 6 months @ 768x432, 1.5mbps
4 Channels	N/A	Up to 3 months @ 768x432, 1.5mbps
4 Channels - 2 CH SD/2 CH HD	N/A	Up to 3 months @ 768x432, 1.5mbps
<b>SERVER DIMENSIONS</b>		
	<b>1RU</b>	<b>3RU</b>
Height	1.7" (43mm)	5.2" (132mm)
Width	17.2" (437mm)	17.7" (450mm)
Depth	27" (686mm)	25.5" (648mm)
Chassis Weight	55 lbs (25kg)	85 lbs (38.5kg)
Power Supplies	2	3
Power Requirements	700W	760W
AC Voltage	100-240VAC, 50-60Hz, 10A/4A	100-240V, 50-60Hz, 10A/4A
<b>SOFTWARE</b>		
<b>SERVER OS</b>	<b>1RU</b>	<b>3RU</b>
Windows Server OS	Microsoft Windows 2008	Microsoft Windows 2008
<b>BROWSER SUPPORT</b>	<b>1RU</b>	<b>3RU</b>
Web Browsers supported	<b>Microsoft Internet Explorer: v8</b>	<b>Microsoft Internet Explorer: v8</b>
<b>CLIENT OPERATING SYSTEM</b>	<b>1RU</b>	<b>3RU</b>
Client Operating Systems Supported	<b>Windows: Win XP, Vista, Win 7</b>	<b>Windows: Win XP, Vista, Win 7</b>