

Thumbnail Exchange via CIP 1.0	YES	YES	YES
Programming of DMX Devices (via Art-Net or optional DMX-Link In-Out device)	YES	YES	YES
Warper for 3D mapping	YES	YES	YES
Video Out via Matrix (Art-Net, parallel to first DVI output)	YES	YES	YES
3D Objects on layers, .x files, objects and texture	YES	YES	YES
Softedge on outputs (left/right/top/bottom)	YES	YES	YES
Up to 100% Overlap-Region	YES	YES	YES
Keystone on outputs, 16Bit, left/right(top/bottom/linearity)	YES	YES	YES
Maximum number of optional input cards (can be freely combined)	2	2	2
<b>General 3D Object information</b>			
Maximum of 65000 vertices, x.files, objects have to be set to pivot, objects needs a have a mapped texture.			
<b>OPTIONAL INPUT CARDS</b>			
Single DVI, Dual DVI, Single HD-SDI, Dual HD-SDI			
<b>OPTIONAL ACCESSORIES</b>			
DMX Link In+Out.			
SMPT-Link			
Sensor-Link			
Widget Designer (for interactive and sensor based applications)			
<b>R3 SERVER HARDWARE PERFORMANCE OVERVIEW</b>			
<b>Mpeg Videos</b>			
720p 1280x720p30 @14Mbit/s	16	20	20
HD 1920x1080p30 @20Mbit/s	8	10	12
4K* 4080x2160p30 @80Mbit/s	2	2	2
4K* 4080x2160p60 @160Mbit/s	1	1	1
<b>Pandoras Box DDS (Imageseq or MOV)</b>			
HD 1920x1080p30	16	20	24
4K* 4096x2160p30	2	2	2
4K* 4096x2160p60	1	1	1
<b>Pandoras Box DDSA (Imageseq or MOV)</b>			
HD 1920x1080p30	8	10	12
4K* 4096x2160p30	1	1	1
<b>Pandoras Box YCoCq</b>			
HD 1920x1080p30	8	10	12
<b>QT ProRes 422</b>			
HD 1920x1080p30	2	2	2
<b>AVI Uncompressed</b>			
HD 1920x1080p30	2	2	2
<b>Pandoras Box BMP imageseq</b>			
HD 1920x1080p30 (SNP)	2	4	4
<b>HD-SDI Live Input</b>			
1920x1080 i59.94 (De-interlaced, TopField)	4	4	4
additional simultaneous mpeg 1920x1080p30@20 Mbit/s	0	0	0
or additional simultaneous DDS 1920x1080p30	2	4	4
1920x1080 i59.94 (De-interlaced, TopField)	1	1	1
additional simultaneous mpeg 1920x1080p30@20 Mbit/s	6	8	8
or additional simultaneous DDS 1920x1080p30	16	18	20
<b>3G Live Input</b>			
1920x1080 p59.94	4	4	4
additional simultaneous mpeg 1920x1080p30@20 Mbit/s	2	4	4
or additional simultaneous DDS 1920x1080p30	6	8	8
1920x1080 p59.94	1	1	1
additional simultaneous mpeg 1920x1080p30@20 Mbit/s	6	8	8
or additional simultaneous DDS 1920x1080p30	16	18	20
All information contained within this document is subject to change without prior notice. *The same approximate values also apply to UHD 3840x2160 test results.			