










VMAX Recording Solutions



Comparison																							
General																							
Operating System	Linux	Linux	Linux	Linux	Linux	Linux	Linux																
Video Compression	H.264	H.264	H.264	H.264	H.264	H.264	H.264																
Video Inputs	4, 8, 16	4, 8, 16	4, 8, 16	8, 16	8, 16	8, 16	4																
Looping Inputs	x	Optional 16CH	Optional 8 or 16CH	8/16	2	8, 16	x																
VGA	yes	yes	yes	yes	yes	yes	yes																
HDMI	x	16CH Only	8, 16CH Only	yes	yes	yes	yes																
Spot Composite	1	1	1	1, 4	1	1	x																
Audio Compression	G723.1	G723.1	G723.1	G723.1	G723.1	G723.1	G711																
Audio Inputs	1	1, 4	1, 4	8, 16	8	8, 16	4																
Alarm Inputs	4	1, 16	4, 8, 16	8, 16	8, 16	8, 16	4																
Relay Outputs	1	1	1	2, 4	2	4	1																
Simultaneous VGA/ BNC Output	yes	yes	yes	yes	yes	yes	yes																
Recording																							
Video Resolution	CIF, 2CIF, D1			CIF, 2CIF, D1			CIF, 2CIF, D1			960H			960H			1080P							
Recording Resolution and Frame-Rate	Res	4CH	8CH	16CH	Res	4CH	8CH	16CH	Res	4CH	8CH	16CH	Res	8CH	16CH	Res	8CH	16CH	Res	4CH			
	CIF:	120	240	240	CIF:	120	240	480	CIF:	120	240	480	CIF:	240	480	960x480:	240	480	960x480:	240	480	640X360 (nHD):	120
	2CIF:	120	120	120	2CIF:	120	240	240	2CIF:	120	240	480	2CIF:	240	480	960x240:	240	480	960x240:	240	480	1280x720 (720p):	120
	D1:	120	60	60	D1:	120	120	120	D1:	120	120	120	D1:	240	480	480x240:	240	480	480x240:	240	480	1920x1080(1080p):	60
Pre/ Post-Alarm Recording	3 Sec/ 15 Sec			3 Sec/ 18 Sec			3 Sec / 19 Sec			5 Sec/ 15 Sec			15 Sec/ 10 Sec			15 Sec/ 10 sec			20 Min/ 60 Sec				
Security																							
Covert Channels	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes		
Simultaneous Clients	10	10	10	10	10	10	10	10	16	10	10	10	10	10	10	10	10	10	10	10	4		
Multi-Level Password Protection	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes		
Additional Features																							
DVD-RW Built-in	x	x	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes		
Disk Mirroring	x	x	x	x	x	x	x	x	yes	yes	x	x	yes	yes	x	yes	yes	x	x	x	x		
POS Support	x	x	8, 16CH Only	8, 16CH Only	8, 16CH Only	8, 16CH Only	8, 16CH Only	8, 16CH Only	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	x		
Free DDNS Support	yes	yes	yes	yes	yes	yes	yes	yes	x	x	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes		
CMS	Pivot	Pivot	Pivot	Pivot	Pivot	Pivot	Pivot	Pivot	NxMS	NxMS	Pivot	Pivot	Pivot	Pivot	Pivot	Pivot	Pivot	Pivot	Pivot	Pivot	NxMS		
Maximum Internal Storage	4TB	6TB	6TB	6TB	6TB	6TB	6TB	6TB	12TB	12TB	6TB	6TB	6TB	6TB	6TB	6TB	6TB	6TB	6TB	6TB	12TB		
Mobile App	'DW VMAX' FREE	'DW VMAX' FREE	'DW VMAX' FREE	'DW VMAX' FREE	'DW VMAX' FREE	'DW VMAX' FREE	'DW VMAX' FREE	'DW VMAX' FREE	x	x	'DW VMAX' FREE	'DW VMAX' FREE	'DW VMAX' FREE	'DW VMAX' FREE	'DW VMAX' FREE	'DW VMAX' FREE	'DW VMAX' FREE	'DW VMAX' FREE	'DW VMAX' FREE	'DW VMAX' FREE	'VMAXHD' FREE		
NAS (Network Attached Storage)	x	x	x	x	x	x	x	x	yes	yes	x	x	yes	yes	x	yes	yes	x	x	x	x		
Web Viewer	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes		
Single Channel Playback in Live	x	x	x	x	x	x	x	x	x	x	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	x		
Panoramic Search	x	x	x	x	x	x	x	x	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	x		
Warranty	5 Years, Limited			5 Years, Limited			5 Years, Limited			2 Years			5 Years, Limited			5 Years, Limited			5 Years, Limited				