





	Veo16i	U1-Lite	U1-series	U2-series	U3-series	
Image (not to scale)						
Internal routing numbers		AL0000	AC0000	BP0000	CP0000	DP0000 (Optional 2nd empty SBB4)
Hardware Configuration						
Chassis type	2U	1.5U		2U	3U	
Physical dimensions (WxDxH inches/mm)	17 x 14½ x 3½" 430 x 367 x 88 mm	17¾ x 15¾ x 2¾" 440 x 390 x 70 mm		17¾ x 17¾ x 3½" 440 x 440 x 90 mm	17¾ x 20 x 5¼" 440 x 508 x 133 mm	
Min. weight (lbs/kg)	11.0 lbs / 5.0 kg	11.0 lbs / 5.0 kg		23.75 lbs / 10.77 kg	29.25 lbs / 13.27 kg	
Motherboard type	Embedded MB	Embedded MB		DFI-DL310		
CPU	Embedded	Celeron		Intel - i5	Intel XEON	
RAM	Embedded	4GB		8GB		
Power supply	DC12V, Adaptor, 6.67A	300W		400W	600W	
Graphics (video) card	On-board					
Main monitor output	1 (VGA / HDMI)	1 (VGA / HDMI)		1 (DVI-I / HDMI)		
On-board audio card	Audio In: 16 ch (10KΩ, 2.8 Vpp) Audio Out: 1 ch (600Ω, 2.8 Vpp)	Line In/Line Out		Line In/Line Out/Mic		
On-board NIC	1		2			
DVD/CD	Yes					
Operating system	Linux	Win7e				
Operating system drive	Embedded	HDD OS		SSD OS		
Keyboard & mouse	Mouse Only	Yes				
Number of control outputs / sensor inputs	8 / 18	4 / 16		NA (upgradable to 64 / 64 using 16 x UI08)		
Power input	100-200 VAC, 50-60Hz	100-240 VAC, 50-60 Hz, (auto switch)				
Power consumption	42W (w/o HDD)	210W		150W	260W	
PoE, built-in	NA	16 Ch PoE 150W		NA		
Operating temperature	0°C - 40°C / 32°F - 104°F	20-25°C / 68-77°F				
Relative humidity	< 90%, non-condensing	< 80%, non-condensing				
Video Storage Configuration						
Maximum number of storage HDDs	4	2		3	8	4
Maximum HDD capacity / Total unformatted storage capacity (JBOD)	6TB / 24TB	6TB / 12TB		10TB / 30TB	10TB / 80TB	10TB / 40TB
Number of HDDs included	1 x 1TB					
SBB3/SBB4 SATA expansion	NA	NA		1x SBB3	1x or 2x SBB4	2x SBB4
Video Configuration						
Maximum number of video inputs	16, analog only (included)	16, IP or analog (included)	16, IP or analog	48, IP or analog	64, IP or analog	
Analog video support	Yes	Yes, via HR16				
Highest model number (with analog support)	NA	AL1600	AC1600	BP4800	CP6400	DP6400
Highest model number (without analog support)	NA	AL0016	AC0016	BP0048	CP0064	DP0064
Maximum number of 360° Fisheye IP inputs	0	1		<= number of purchased IP licenses		
Compression type	h.264	Selectable h.264 / MPEG4 / MJPEG				
Screen display	1, 4, 9, 16 (selectable)	1, 4, 9, 10, 13, 16 (selectable)		1, 4, 9, 10, 13, 16, 25, 36, 64 (selectable)		
Optional Software Licensing						
CMS Health Monitoring	NA	Optional		Optional		
Max. number of PACDM® channels	NA	8 Serial / 8 TCP/IP		8 Serial / 16 TCP/IP		
Max. number of VideoLogix® channels	NA	2		16		
Max. number of VisionCount® channels	NA	NA		16		
Max. number of iSearch / Heatmap channels	NA	NA		16		
Max. number of dDisplay channels	NA	NA		2		
Max. number of remote connections	10	3		50		
Max. number of remote backup sessions	10	3		5		
Warranty / Certifications						
Warranty	3 yr parts & labour		3 yr parts & 1 yr labour			
Certifications	FCC/CE		UL / ULc / FCC / CE			