



DVR Comparison Guide

		GOOD			Better			Best
		Embedded Proprietary (Linux)						
		E Series	E Series	E Series	SR Series	SP Series	SP Series	SP Series
		CR4000E	CR8000E	CR1600E	CR4000SR	CR4000SP	CR8000SP	CR1600SP
		CR4000E	CR8000E	CR1600E	CR4000SR	CR4000SP	CR8000SP	CR1600SP
GENERAL	Camera Inputs	4	8	16	4	4	8	16
	Looping	No	No	No	No	Yes	Yes	Yes
	DVD Built in	No	No	No	No	Yes	Yes	Yes
	USB Port	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Text Interface (POS) ASCII	Yes	Yes	Yes	No	4 Channel	8 Channel	14 Channel
	Operating System	Embedded Linux	Embedded Linux	Embedded Linux	Embedded Linux	Embedded Linux	Embedded Linux	Embedded Linux
	Audio Inputs	4	4	4	No	4 line in	4 line in	4 line in
	Audio Outputs	1	1	1	No	1	1 Line out	1 Line out
	Bi-Directional Audio	Yes	Yes	Yes	No	Yes	Yes	Yes
	Alarm Inputs	4	8	16	4	4	8	16
Relay Outputs	1	1	1	1	2	2	2	
Argos Access Control	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
DISPLAY OPTIONS	VGA	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	HDMI	No	No	No	No	No	No	No
	Composite	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Spot Outputs	No	No	No	No	No	1 Composite	1 Composite
	Digital Zoom	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Display Options Playback	Camera Display	1, 4	1, 4, 6, 8	1, 4, 6, 8, 9, 13, 16	1, 4	1, 4	1, 4, 8	1, 4, 9, 16
	Search Function	Forward/Reverse	Forward/Reverse	Forward/Reverse	Forward/Reverse	Forward/Reverse	Forward/Reverse	Forward/Reverse
	Select by Camera	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Digital Zoom on Playback	Yes	Yes	Yes	Yes	Yes	Yes	Yes
RECORD FUNCTIONS	Frames Per Second	120	240	480	120	120	240	480
	Compression Method	H.264	H.264	H.264	H.264, MPEG4	H.264	H.264	H.264
	Recorded File Type	Mini Bank	Mini Bank	Mini Bank	Mini Bank	Mini Bank	Mini Bank	Mini Bank
	Typical File Size	3kBytes	3kBytes	3kBytes	3kBytes	3kBytes	3kBytes	3kBytes
	Frame Resolution (NTSC)	360X240 704X240 704X480	360X240 704X240 704X480	360X240 704X240 704X480	360X240 704X240 704X480	360X240 704X240 704X480	360X240 704X240 704X480	360X240 704X240 704X480
	Event Record Modes	Alarm In Internal VMD	Alarm In Internal VMD	Alarm In Internal VMD	Alarm In Internal VMD	Alarm In Internal VMD	Alarm In Internal VMD	Alarm In Internal VMD
	Continuous Record Modes	Time-lapse Event-driven Pre-alarm record	Time-lapse Event-driven Pre-alarm record	Time-lapse Event-driven Pre-alarm record	Time-lapse Event-driven Pre-alarm record	Time-lapse Event-driven Pre-alarm record	Time-lapse Event-driven Pre-alarm record	Time-lapse Event-driven Pre-alarm record
	Alarm Record Modes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Pre-Alarm	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Post-Alarm	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Video Motion Detection	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Video Analytics	None	None	None	None	None	None	None
	Image Authentication	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Internal Hard Drive Options	500 GB (up to 2TB)	500 GB (up to 2TB)	500 GB (up to 2TB)	500 GB	500 GB (up to 6TB)	500 GB (up to 6TB)	500 GB (up to 6TB)	
External Mass Storage Options	No	No	No	No	No	No	Yes	
REMOTE CONNECTION	Archive Device	Network Client USB Devices	Network Client USB Devices	Network Client USB Devices	Network Client USB Devices	DVD-RW Network Client USB Devices	DVD-RW Network Client USB Devices	DVD-RW Network Client USB Devices
	Remote Interface	iNEX RAS Plus Webguard RAS Mobile	iNEX RAS Plus Webguard RAS Mobile	iNEX RAS Plus Webguard RAS Mobile	iNEX RAS Plus Webguard RAS Mobile	iNEX RAS Plus Webguard RAS Mobile	iNEX RAS Plus Webguard RAS Mobile	iNEX RAS Plus Webguard RAS Mobile
	Archive while Recording	No	No	No	No	Yes	Yes	Yes
	Connect via	LAN/WAN, PSTN, ISDN	LAN/WAN, PSTN, ISDN	LAN/WAN, PSTN, ISDN	LAN/WAN, PSTN, ISDN	LAN/WAN, PSTN, ISDN	LAN/WAN, PSTN, ISDN	LAN/WAN, PSTN, ISDN
	Simultaneous connections	2 Admin 10 Watch 2 Search	2 Admin 10 Watch 2 Search	2 Admin 10 Watch 2 Search	2 Admin 2 Watch 2 Search	2 Admin 10 Watch 2 Search	2 Admin 10 Watch 2 Search	2 Admin 10 Watch 2 Search
	Web Browser connect	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Live and Recorded Video	Yes, Duplex	Yes, Duplex	Yes, Duplex	Yes	Yes, Duplex	Yes, Duplex	Yes, Duplex
	IR Remote Control	Yes	Yes	Yes	No	Yes	Yes	Yes
	USB Mouse Control	Yes	Yes	Yes	No	Yes	Yes	Yes
	PTZ Control	Yes	Yes	Yes	Yes	Yes	Yes	Yes

		Better	Best		
		PC based			
		CRP Series	CR4 Series	CR4 Series	
		CRP116	CR416R	CR432R	
GENERAL	Camera Inputs	16	16	32	
	Looping	No	Yes	No	
	DVD Built in	Yes	Yes	Yes	
	USB Port	6 USB	8 USB	8 USB	
	Text Interface (POS) ASCII	Yes	Yes	Yes	
	Operating System	Embedded Windows XP	Embedded Windows XP	Embedded Windows XP	
	Audio Inputs	1	16	32	
	Audio Outputs	1	1	1	
	Bi-Directional Audio	Yes	Yes	Yes	
	Alarm Inputs	16	16	2	
Relay Outputs	1	1	2		
Argos Access Control	Yes	Yes	Yes		
DISPLAY OPTIONS	VGA	Yes	Yes	Yes	
	HDMI	No	No	Yes	
	Composite	Yes	Yes	Yes	
	Spot Outputs	No	No	1 Composite	
	Digital Zoom	Yes	Yes	Yes	
Display Options Playback	Camera Display	1, 4, 9, 16	1, 4, 9, 16	1, 4, 9, 16	
	Search Function	Forward/Reverse	Forward/Reverse	Forward/Reverse	
	Select by Camera	Yes	Yes	Yes	
	Digital Zoom on Playback	Yes	Yes	Yes	
RECORD FUNCTIONS	Frames Per Second	120	480	960	
	Compression Method	H.264	H.264	H.264	
	Recorded File Type	Mini Bank	Mini Bank	Mini Bank	
	Typical File Size	3kBytes	3kBytes	3kBytes	
	Frame Resolution (NTSC)	160x120 320x240 704x240 704x480	160x120 320x240 704x240 704x480	160x120 320x240 704x240 704x480	
	Event Record Modes	Alarm In Internal VMD	Alarm In Internal VMD	Alarm In Internal VMD	
	Continuous Record Modes	Time-lapse Event-driven Pre-alarm record	Time-lapse Event-driven Pre-alarm record	Time-lapse Event-driven Pre-alarm record	
	Alarm Record Modes	Yes	Yes	Yes	
	Pre-Alarm	Yes	Yes	Yes	
	Post-Alarm	Yes	Yes	Yes	
	Video Motion Detection	Yes	Yes	Yes	
	Video Analytics	None	>Object Counting >Tripwire >Left/Removed Object Detection >Loitering Detection >Face Detection	>Object Counting >Tripwire >Left/Removed Object Detection >Loitering Detection >Face Detection	
	Image Authentication	Yes	Yes	Yes	
Internal Hard Drive Options	500 GB (up to 2.25TB)	500 GB (up to 4 TB)	500 GB (up to 4 TB)		
External Mass Storage Options	No	Yes	Yes		
REMOTE CONNECTION	Archive Device	CD-RW, DVD-RW, HDD, USB Devices, Jaz drive	CD-RW, DVD-RW, SCSI HDD, USB Devices, Jaz drive	CD-RW, DVD-RW, SCSI HDD, USB Devices, Jaz drive	
	Remote Interface	iNEX RAS Plus Webguard RAS Mobile	iNEX RAS Plus Webguard RAS Mobile	iNEX RAS Plus Webguard RAS Mobile	
	Archive while Recording	Yes	Yes	Yes	
	Connect via	LAN/WAN, PSTN, ISDN	LAN/WAN, PSTN, ISDN	LAN/WAN, PSTN, ISDN	
	Simultaneous connections	16 Admin/ Watch 16 Search	16 Admin/ Watch 16 Search	16 Admin/ Watch 16 Search	
	Web Browser connect	Yes	Yes	Yes	
	Live and Recorded Video	Yes, Pentaplex	Yes, Pentaplex	Yes, Triplex	
	IR Remote Control	No	Yes	No	
	USB Mouse Control	Yes	Yes	Yes	
	PTZ Control	Yes	Yes	Yes	