

**Perfect  
Monitoring  
Through Full  
HD Display**



10 Channels NVR

**RNRZ-B510A**

20 Channels NVR

**RNRZ-B520A**





### SPECIFICATIONS

Features		RNRZ-B510A	RNRZ-B520A
Video	IP Camera Input	10 channels	20 channels
	Resolution	QCIF, CIF, 2CIF, DCIF, 4CIF, VGA, 720P (1280x720), UXGA, 1080P (1920x1080), 3MP (2048x1536), 4MP (2560x1440), 5MP (2560x1920), 6MP (2752x2208), 4K (3840x2160)	QCIF, CIF, 2CIF, DCIF, 4CIF, VGA, 720P (1280x720), UXGA, 1080P (1920x1080), 3MP (2048x1536), 4MP (2560x1440), 5MP (2560x1920), 6MP (2752x2208), 4K (3840x2160)
	Video Compression	H.264, H.265	H.264, H.265
Live View	Local Display	1 x HDMI, 1 x VGA	1 x HDMI, 1 x VGA
	Multi Screen Display (Monitor)	1, 4, 6, 8, 9, 10	1, 4, 6, 8, 9, 10, 16, 20
	Function	E-Zoom	E-Zoom
Recording	Resolution	QCIF, CIF, 2CIF, DCIF, 4CIF, VGA, 720P (1280x720), UXGA, 1080P (1920x1080), 3MP (2048x1536), 4MP (2560x1440), 5MP (2560x1920), 6MP (2752x2208), 4K (3840x2160)	QCIF, CIF, 2CIF, DCIF, 4CIF, VGA, 720P (1280x720), UXGA, 1080P (1920x1080), 3MP (2048x1536), 4MP (2560x1440), 5MP (2560x1920), 6MP (2752x2208), 4K (3840x2160)
	Mode	Manual, Continuous, Schedule, Event (Pre/Post)	Manual, Continuous, Schedule, Event (Pre/Post)
	Event Trigger	Manual, Timing, Motion detection, Port alarm, VCA alarm, Video occlusion	Manual, Timing, Motion detection, Port alarm, VCA alarm, Video occlusion
	Tag	Yes	Yes
Search & Playback	Search Mode	Ch No., Record type, Date & Time, File type & VCA	Ch No., Record type, Date & Time, File type & VCA
	Resolution	QCIF, CIF, 2CIF, DCIF, 4CIF, VGA, 720P (1280x720), UXGA, 1080P (1920x1080), 3MP (2048x1536), 4MP (2560x1440), 5MP (2560x1920), 6MP (2752x2208), 4K (3840x2160)	QCIF, CIF, 2CIF, DCIF, 4CIF, VGA, 720P (1280x720), UXGA, 1080P (1920x1080), 3MP (2048x1536), 4MP (2560x1440), 5MP (2560x1920), 6MP (2752x2208), 4K (3840x2160)
	Synchronized Playback	4ch@4K, 6MP, 5ch@5MP, 8ch@4MP, 9ch@3MP, 10ch@1080P	4ch@4K, 6MP, 5ch@5MP, 8ch@4MP, 9ch@3MP, 16ch@1080P
Storage	Max. Internal HDDs	4 x 3.5" HDD (Max. 24TB, 6TB / each)	4 x 3.5" HDD (Max. 24TB, 6TB / each)
	RAID	None	None
	E-SATA	None	None
Event	Event Triggers	Manual, Timing, Motion detection, Port alarm, VCA alarm, Video occlusion	Manual, Timing, Motion detection, Port alarm, VCA alarm, Video occlusion
	Event Notification	Recording, Email	Recording, Email
Network	Open Protocol	ONVIF (Profile S)	ONVIF (Profile S)
	Network Protocol	TCP / UDP / HTTP / MULTICAST / UPnP / DHCP / PPPoE / DDNS / NFS / FTP / NTP / HTTPS / RTSP / SMTP / SADP	TCP / UDP / HTTP / MULTICAST / UPnP / DHCP / PPPoE / DDNS / NFS / FTP / NTP / HTTPS / RTSP / SMTP / SADP
	Max. Connections	Up to 32 users / 160ch videos	Up to 32 users / 160ch videos
	Web Viewer	IE8, IE9, IE10, IE11, Chrome30, Firefox24	IE8, IE9, IE10, IE11, Chrome30, Firefox24
	Ethernet	1 x 10 / 100 / 1000M	1 x 10 / 100 / 1000M
Interface	Video Out	1 x HDMI (up to 3840x2160 @ 60Hz) 1 x VGA (up to 1080p @ 60Hz)	1 x HDMI (up to 3840x2160 @ 60Hz) 1 x VGA (up to 1080p @ 60Hz)
	Audio In / Out	1 In / 1 Out (RCA)	1 In / 1 Out (RCA)
	Alarm In / Out	16 In / 4 Out	16 In / 4 Out
	Control	N/A	N/A
	USB	1 x USB 2.0, 1 x USB 3.0	1 x USB 2.0, 1 x USB 3.0
General	Power Source	DC 12V / 3A	DC 12V / 3A
	Max. Power Consumption	40W (without HDD)	40W (without HDD)
	Operating Temperature / Humidity	-10 °C ~ 50 °C / 10% ~ 90%RH	-10 °C ~ 50 °C / 10% ~ 90%RH
	Standard Approvals	CE, LVD, KC	CE, LVD, KC
	Language	English, Korean, Turkish, Chinese, Spanish, Japanese	English, Korean, Turkish, Chinese, Spanish, Japanese
	Dimensions	75 x 440 x 347 mm	75 x 440 x 347 mm
	Weight	3.8 Kg (HDD not included)	3.8 Kg (HDD not included)

※ Exact products and specifications shown may vary by geographic region and are subject to change without notice. Actual products may differ from the images appearing in the catalog.