



## LRN-810S

16CH 5MP NVR with PoE Switch

### Benefits

- Easy plug and play functionality with automatic device discovery and simple setup
- Improved Install wizard for easy configuration
- Easily connect to NVR from anywhere with your smartphone without having to set up a complex network
- Smart search using camera metadata to narrow search results
- USB keyboard supported
- Remote firmware upgrades provided

### Key Features

- Up to 16CH 5MP
- H.265, H.264, MJPEG codec
- 100Mbps network camera recording
- Plug & play by 16 PoE ports
- Up to 2 SATA (12TB)
- HDMI local monitor
- P2P service (QR code connect)
- Dual Track Recording

## LRN-1610S

LRN-1610S	
<b>DISPLAY</b>	
<b>NETWORK CAMERA</b>	
Inputs	Max. 16CH
Resolution	5MP ~ CIF
Protocols	Wisenet, ONVIF
<b>DECODING</b>	
Local Display	HDMI: 1920x1080, 1280x720
Resolution	5MP(90fps), 3MP(120fps), 2MP(2400fps), 720p(480fps), D1(480fps)
<b>PERFORMANCE</b>	
<b>RECORD</b>	
Compression	H.265, H.264, MJPEG
Recording Bandwidth	Max. 100Mbps
Resolution	5MP ~ CIF
Mode	Normal, Schedule(Continuous/Event), Event (Pre/Post), Dual track Recording
Event Trigger	Alarm Input, Video Loss, Camera Event(Alarm, MD, Video Analytics, Defocus)
Event Action	e-Mail, PTZ Preset, Buzzer, Monitor Out
<b>SEARCH &amp; PLAY</b>	
Playback Bandwidth	Max. 32Mbps(16CH simultaneously)
User	Max. 4 Users (Local 1, Remote 3)
Simultaneous playback	Max. 16CH(Network) Max. 8CH(Local Monitor)
Fisheye Dewarping	WEB / CMS / Mobile
<b>STORAGE</b>	
Supported HDD	Up to 6TB
HDD Slot	SATA 2ea(Max. 12TB)
<b>BACKUP</b>	
File backup	BU/Exe(GUI), JPG/AVI(Network)
Function	Multi channel(Upto 8CH) Play, Date-Time/Title display
<b>NETWORK</b>	
Protocol	IPv4, IPv6, TCP/IP, UDP/IP, RTP (UDP), RTP (TCP), RTSP, NTP, HTTP, DHCP (Server, Client), PPPoE, SMTP, ICMP, IGMP, ARP, DNS, DDNS, uPnP, HTTPS, SNMP, ONVIF (Profile-S), SUNAPI (Server, Client)
DDNS	Wisenet DDNS
<b>AUDIO</b>	
Input/Output	16CH(network)
Compression	G.711, G.726, AAC(16/48KHz)
Audio Communication	2-Way
Max Remote Users	Search(3), Live Unicast(10), Multicast(20)
Security	HTTPS(SSL) Login Authentication
Viewer Software	Digest Login Authentication
<b>FUNCTIONS</b>	
<b>CAMERA SETUP</b>	
Item	IP address, Add profile edit, Bitrate, Compression, GOP, Quality, Camera MD setup, Wisestream, Dynamic GOV/FPS, VA Setup Camera video setup (Simple focus, Brightness/Contrast, Flip/Mirror, IRIS, WDR, D&N, SSNR, Shutter, SDR, DIS), Fisheye Dewarping Mode, Hallway View Setup, Camera Webpage
<b>PTZ</b>	
Control	Via GUI, Webviewer
<b>SMART PHONE</b>	
Support Model	iOS, Android
Protocol Support	RTP, RTSP, HTTP, HTTPS, CGI(SUNAPI)
Control	Live(Multi-Profile Support), Playback
Max. Remote Users	Search(3), Live Unicast(10)

