ICRealtime NVR-8128K-DR-8TB 128CH Embedded 4K NVR/Enhanced H.264 Supports up to 12MP/8TB HDD

Model	NVR-8128K-DR
System	
Main Processor	Intel Processors
Operating System	LINUX
Video & Audio	
IP Camera Input	128 channel
Two-way Talk	1channel Input, 1channel Output, RCA
Display	
Interface	2 HDMI (up to 3840×2160), 1 VGA
Resolution	3840×2160, 1920×1080, 1280×1024, 1280×720, 1024×768
Multi-screen Display	The 1st screen: 1/4/8/9/16/25/36 The 2nd screen: 1/4/8/9/16
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording
Recording	
Compression	H.264/MJPEG
Resolution	12Mp, 8Mp, 6Mp, 5Mp, 3Mp, 1080P, 1.3Mp, 720P & etc.
Record Rate	256Mbps
Bit Rate	1~ 20Mbps
Record Mode	Manual, Schedule (Regular(Continuous), MD (Video detection: Motion detection, Camera blank, Video loss), Alarm), Stop
Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec
Video Detection & Alarm	
Trigger Events	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank
Alarm Input	16ch, low level effective, green terminal interface
Relay Output	8ch, Relay contact(1A@24VDC), NO/NC programmable, green terminal interface
Playback & Backup	
Playback	128Mbps in Raid 5 mode 64Mbps in single HDD mode
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom
Backup Mode	USB Device/Network/eSATA Device
Network	
Interface	4 RJ-45 ports (10/100/1000Mbps)
Ethernet Port	4 Ethernet ports joint working or 4 independent 1000Mbps Ethernet ports
Optical Fiber Interface	N/A
Network Function	HTTP, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, IP Search
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Network	
Internal HDD	16 SATA III ports, up to 8TB each
HDD Mode	Single, Raid 0/1/5/6/10/50/60 (Support global HDD hot-spare)
Auxiliary Interface	
Front cover	Support hot swap, 7" inch HD LCD (1920x1080/1280x1024/1024x768)
USB	4 USB ports(3 USB2.0, 1 USB3.0)
eSATA	1 eSATA port
SAS	1 Mini SAS port, for storage expansion

RS232	1 port, for PC communication & keyboard
RS485	1 port, for PTZ control
General	
Power Supply	AC100V~240V, 50~60Hz Redundant
Power Consumption	< 51W (Without HDD)
Working Environment	-10°C~+55°C/10%~90%RH/86~106kpa
Dimension (W×D×H)	531.9mm ×485mm(with ears)×133.2mm
Weight	17.45kg (without HDD)
Installation	Rack-mounted (rack shelf required)