



DNVR4KL801-8P2



Key Features



- New 4.0 user interface, security baseline 2.1
- H.264, H.265, Smart H.264+, and Smart H.265+. H.265 auto switch
- Max. decoding capability: 8 × 1080p@30 fps. Supports adaptive decoding
- Supports mainstream cameras of ONVIF & RTSP protocols
- P2P remote surveillance, video play on mobile device
- VGA, HDMI simultaneous video output, max. resolution of HDMI is 4K
- Ai by Camera: Face detection, perimeter protection, IVS, people counting, heat map & SMD
- Supports remote configuration & management of IPC, such as setting parameters, getting information & upgrading IPC of the same model in batches



Specifications

System		DNVR4KL801-8P2
Main Processor	Industrial-grade embedded processor	
OS	Embedded Linux	
Operating Interface	Web/operating in local GUI	
Perimeter Protection by Camera		
Performance	8-Channels	
Ai Search	Search for pictures by channel, time & event type	
Face Detection by Camera		
Performance	4-Channels	
Face Attributes	6 attributes: Gender, age, glasses, expression, mouth mask & beard	
Ai Search	Search for pictures by channel, time & face attributes	
SMD Plus by Camera		
Performance	12-Channels	
Ai Search	Search by target classification (human/vehicle)	
Video		
Access Channel	8	
Network Bandwidth	Access: 80 Mbps, Storage: 80 Mbps, Forward: 60 Mbps	
Resolution	8MP, 6MP, 5MP, 4MP, 3MP, 1080p, 720p, D1	
Decoding Capability	8 x 1080p@30fps	
Video Output	1 x VGA output, 1 x HDMI output, supports simultaneous video sources output for VGA & HDMI	
Multi-Screen Display	1, 4, 8, 9 views	
Third-Party Camera Access	ONVIF, RTSP	
Compression		
Video	Smart H.265, H.265, Smart H.264, H.264, MJPEG	
Audio	PCM, G.711A, G.711U, G.726, AAC	



Network	
Network Protocol	HTTP, HTTPS, TCP/IP, IPv4, IPv6, UPnP, SNMP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, DDNS, FTP, Alarm Server, IP Search, P2P & auto register
Mobile Phone Access	iOS & Android
Interoperability	ONVIF (Profile T, Profile S, Profile G), CGI, SDK
Browser	Chrome, IE9 or later & Firefox
Record Playback	
Multi-Channel Playback	Up to 8-Channels for playback
Record Mode	Manual record, alarm recording, SMD recording & smart recording
Storage	Local HDD, network
Backup	USB storage device
Playback Function	1. Play, pause, stop, slow, quick, backward, by frame 2. Full screen, backup (video clip/file), partial zoom in & audio on
Storage	
Disk Group	Yes
Alarm	
General Alarm	Motion detection, privacy masking, video loss, scene changing, PIR alarm, IPC external alarm
Anomaly Alarm	Camera disconnection, storage error, disk full, IP conflict, MAC conflict, login locked & cybersecurity exception
Intelligent Alarm	Face detection, perimeter protection (intrusion & tripwire), IVS, people counting, heat map & SMD alarms
Alarm Linkage	Recording, snapshot, audio, buzzer, log, preset & email
External Port	
Audio Input	1 x RCA input
Audio Output	1 x RCA output
HDD	1 SATA III ports, up to 10TB for a single HDD. The max. HDD capacity varies with environment temperature
USB	2 (1 x front USB 2.0, 1 x back USB 2.0)
HDMI	1 (supports up to 4K resolution output)



VGA	1
Network	1 x RJ-45 (10, 100 Mbps self-adaptive Ethernet port)
PoE	8

General Parameter

Power Supply	DC48 V/53 V, 2A/1.8A
Power Consumption	<10W (HDD not included, idling). Total output power of PoE is 72W, the max. output power of a single port is 25.5W
Net Weight	0.92 kg (2.03lb)
Gross Weight	2.07 kg (4.56lb)
Product Dimensions	260mm × 232.5mm × 50.3mm (10.24" × 9.15" × 1.98") (W × L × H)
Package Dimensions	117mm × 373mm × 307mm (4.61" × 14.69" × 12.09") (W × L × H)
Operating Conditions	-10°C ~ +55°C (+10°F ~ +131°F)
Storage Conditions	0°C ~ +40°C (32°F ~ 104°F)
Operating Humidity	10% ~ 93%
Storage Humidity	30% ~ 85%
Operating Altitude	3000m (9842.52ft)
Installation	Desktop mounted
Certifications	CE: EN62368-1, EN55032, EN55024, EN55035, EN61000-3-2, EN61000-3-3, EN50130-4 FCC: Part 15 Subpart B

Dimensions

