

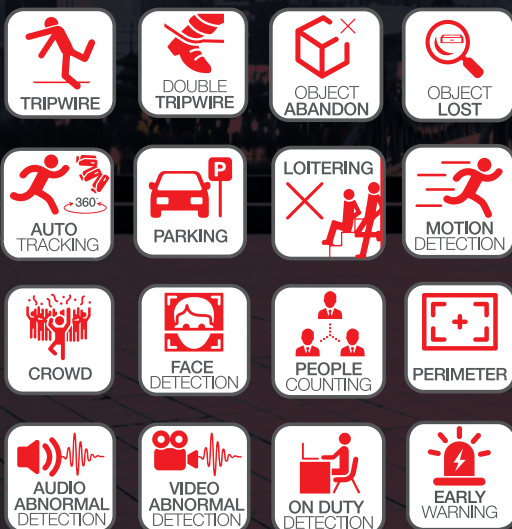
AL-NVR5020-2D

S+265 20CH

2SATA SMART

NVR

- Live view and playback Up to 8MP resolution
- 2 SATA interfaces, up to 10TB for each HDD
- S+265 compression reduces storage space up to 75%
- 1 self-adaptive 10/100/1000Mbps network interfaces
- Centralized management of IP cameras
- Two-way audio communication
- VCA detection alarm is supported
- Web version6, Plug-in-free & supports all browsers
- VCA: Tripwire;Double Tripwire;Perimeter;
Object Abandon;Object Missing;Loiter;Running;
Parking;Heatmap;Lens Dignose;Scene Switch Dignose;
Signal Abnormal Detection; Signal Loss Detection;
On Duty Detection;Crowd Detection; People Counting;
Safety Helmet Detection; Link To Tracking;Face Detection;
Human body temperature measurement



4K NETWORK VIDEO RECORDER

The Alcon AL-NVR5020-2D NVR is for the Smarter generation. It is a Smart Enterprise NVR which supports up to 20ch 4K IP camera input and recording. It Supports Smart Recording, Smart Search and Smart Plug and Play. It Supports any 3rd party OEM IP camera with ONVIF compliance. The Alcon Premium Series NVR also supports intelligent video analytics like Face Detection, People Counting and many other features.

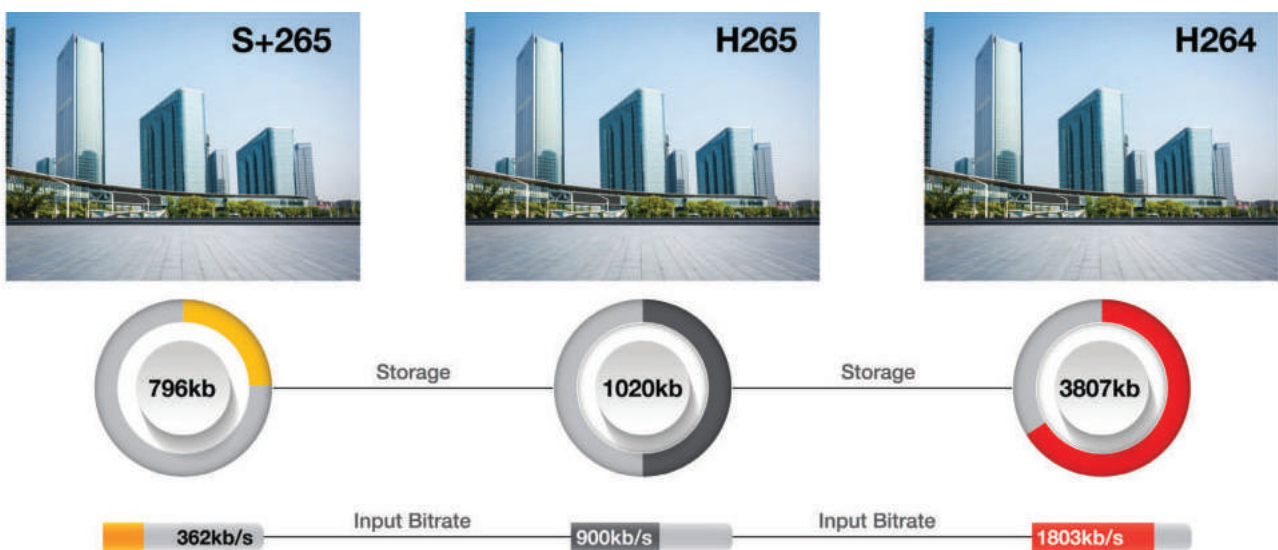
SMART RECORDING



SMART ANALYSIS



BANDWIDTH AND DISK SPACE



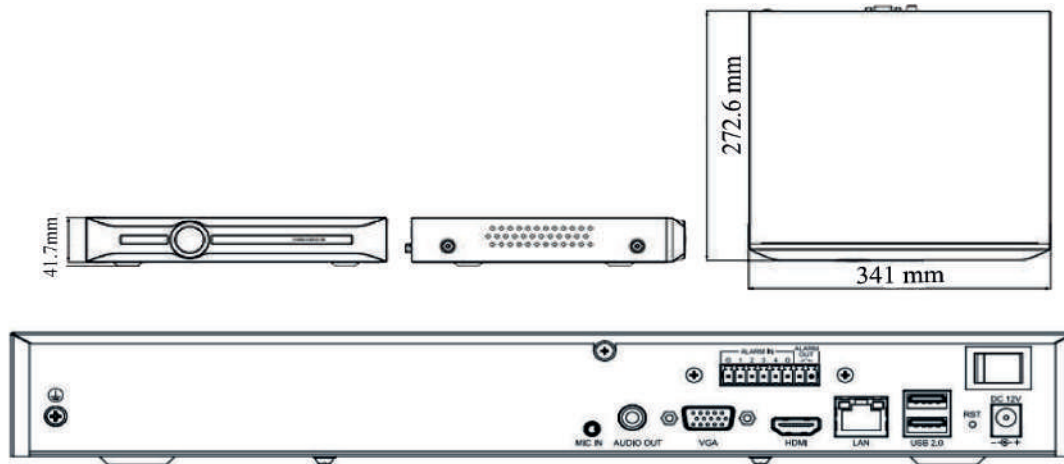
S+265 can save approximate 50% bitrate than H.265 technology, saves 70%-80% bandwidth compared with H.264

SPECIFICATION

| | |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Video and Audio | |
| Access Channel | 20 |
| Incoming Bandwidth | 160Mbps |
| Outgoing Bandwidth | 64Mbps |
| Resolution | 8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF |
| Preview decoding capability | 8MP*2,6MP*2,5MP*3,4MP*4,3MP*5,1080P*8,720P*16,4CIF*20 |
| Playback decoding capability | 8MP*2,6MP*2,5MP*3,4MP*4,3MP*5,1080P*8,720P*16 |
| Video Output | simultaneous HDMI and VGA outputs |
| HDMI Output | HDMI: 1024*768(60Hz), (720P)1280*720(50Hz/60Hz), 1280*800(60Hz), 1440*900(60Hz), (1080P)1920*1080(50Hz/60Hz), (2K)2560*1440(30Hz), (4K)3840*2160(30Hz) |
| VGA Output | VGA: 1024*768(60Hz), (720P)1280*720(50Hz/60Hz), 1280*800(60Hz), 1440*900(60Hz), (1080P)1920*1080(50Hz/60Hz) |
| Multi-screen Display | 1/2/3/4/5/6/7/8/9/10/12/13/16/20A/20B |
| Third-party Camera Access | ONVIF;RTSP |
| Audio Input | 1-ch,3.5mm |
| Audio Output | 1-ch,RCA (Linear,1 KΩ) |
| Two-Way Audio | 1-ch,3.5mm,using the audio input |
| Liveview display | Simultaneous Output: VGA: 1/2/3/4/5/6/7/8/9/10/12/13/16/20A/20B HDMI: 1/2/3/4/5/6/7/8/9/10/12/13/16/20A/20B |
| Compression | |
| Video | S+265;H.265;S+264;H.264 |
| Audio | G711A;G711U;AAC;ADPCM_DIV4 |
| Stream Type | Video;Video & Audio |
| Network | |
| Network Protocol | 802.1X;ARP;DDNS;DHCP;DNS;Easy DDNS;FTP;HTTP;HTTPS;ICMP;IGMP;IPv4;IPv6; Multicast;NFS;NTP;PPPoE;RTCP;RTP;RTSP;SMB/CIFS;SMTP;SNMP;SRTP;SSH;SSL; TLSv1.2;TLSv1.3;TCP/IP;UDP;Unicast;UPnP |
| Mobile Phone Access | Android;iOS;P2P_A |
| System Compatibility | ONVIF(profile T/S/G);CGI;SDK |
| Web | IE10+;Firefox52+;Edge89+;Safari11+;Chrome57+ |
| Record Playback | |
| Multi-channel Playback | 16 |
| Record Mode | Manual recording;alarm recording;Schedule recording |
| Storage | Local HDD/USB storage device |
| Backup | USB storage device |
| Playback Function | Play/Pause/Stop/Slow/Speed/Backwards 30s/Forwards 30s/Full screen/backup (video Editing)/Step/Digital Zoom |
| Alarm | |
| General Alarm | Motion;Mask Alarm;Alarm Input(IPC);Video Loss;Alarm Input(NVR);Manual Alarm |
| Alert Alarm | IP Conflict;MAC Conflict;Network Disconnected;No disk;Illegal Access;Disk group space alert;Disk Full;Disk R/W error;Video Abnormal; Abnormal found in smart of disk;Abnormal temperature of the disk;Hot-spare Exception;IPC voltage abnormal;RTC failure |
| Intelligent Analytics | |
| VCA Detection by Camera | Tripwire;Double Tripwire;Perimeter;Object Abandon;Object Missing;Loiter;Running; Parking;Heatmap;Lens Dignose;Scene Switch Dignose;Signal Abnormal Detection; Signal Loss Detection;On Duty Detection;Crowd Detection;Safety Helmet Detection; People Counting;Link To Tracking;Face Detection;Human body temperature measurement |
| VCA Search | Heatmap;Early-warning search;Behavior Search;Thermographic retrieval;Duty search;Facial search |

| External Port | |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| HDD | 2 SATA ports, up to 10 TB for a single HDD. The maximum HDD capacity varies with environment temperature |
| Disk Group | 2 Disk Group |
| USB | 2*USB2.0 |
| HDMI | 1*HDMI(supports up to 4K resolution output) |
| VGA | 1*VGA |
| RJ-45 | 1*RJ-45, 10/100/1000 Mbps self-adaptive Ethernet port |
| SATA | 2 SATA interface |
| Alarm I/O | 4channel in; 1channel out |
| General Parameter | |
| UI Language | English; Spanish; Korean; Italian; Turkish; Russian; Thai; French; Polish; Dutch; Hebrew; Arabic; Vietnamese; German; Ukrainian; Portuguese; |
| Power Supply | DC12V 3.3A |
| Power Consumption | < 10W(HDD not included, idling) |
| NetWeight | 1.6 kg |
| GrossWeight | 3kg |
| Boundary Dimensions | 341(L)273(W)47(H)mm |
| Package Dimensions | 415(L)140(W)375(H)mm |
| Operating Temperature | -10°C~ +55°C |
| Operating Humidity | 10%~90%RH |
| Storage Temperature | -10°C~ +55°C |
| Storage Humidity | 10%~90%RH |
| Package Kit | Network Video Recorder; Screw pack; Mouse; Power adapter; European standard power cord |
| Certification | CE, FCC, BIS & RoHS |

DIMENSIONS



ORDERING INFORMATION

AL-NVR5020-2D

S+265 20CH 2SATA SMART NVR



*Product specifications and availability are subject to change without notice. Terms and Conditions Apply.

