

1HDD 20CH NVR Basis



SP-R120 Vivid Pro Series

KEY FEATURES

HD Input

- S+265/H.265/S+264/H.264 video formats
- Connectable to the third-party network cameras
- Support live view, storage, and playback of the connected camera at up to 8MP resolution

HD Output

- 1×HDMI and 1×VGA simultaneous outputs
- HDMI Video output at up to 4K resolution

HD Storage

- 1 SATA interface, up to 10TB for 1 HDD
- S+265 compression effectively reduces the storage space and costs by up to 75%

HD Transmission

- 1×RJ45 self-adaptive 10/100 Mbps network interface

Various Applications

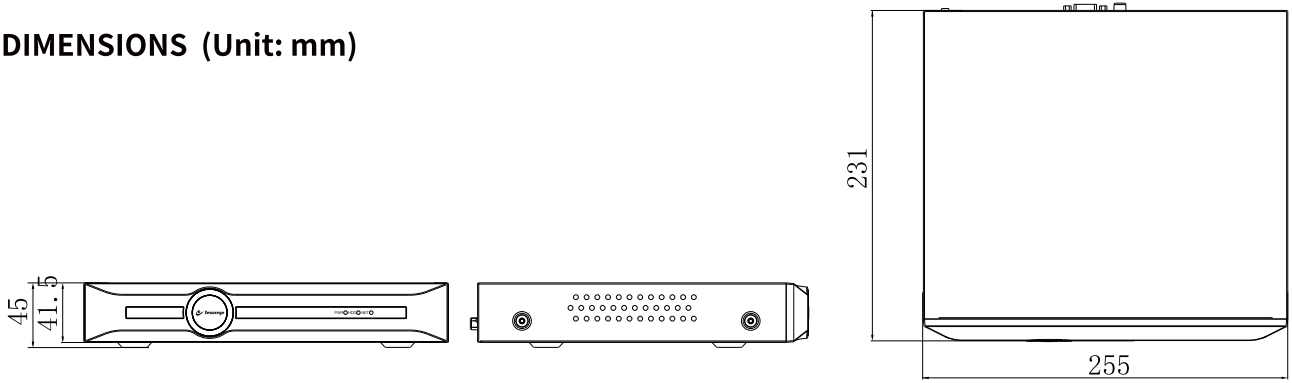
- Centralized management of IP cameras, including configuration, Information import/export, real-time information display, upgrade, etc.
- Connectable to smart IP cameras from Secureeye and the recording, playing back, and backing up of VCA alarms can be realized
- VCA detection alarm is supported
- Support cloud upgrade



Video and Audio	
Access Channel	20
Incoming Bandwidth	80Mbps
Outgoing Bandwidth	80Mbps
Resolution	8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Preview Decoding Capability	8MP*1.6MP*1, 5MP*1, 4MP*2, 3MP*2, 1080P*4, 720P*8, 4CIF*20
Preview Decoding Capability	8MP*1.6MP*1, 5MP*1, 4MP*2, 3MP*2, 1080P*4, 720P*8, 4CIF*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),(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
Audi Output	1-ch,RCA (Linear,1 KΩ)
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	G.711A; G.711U; AAC; ADPCM_DIV4
Stream Type	Video; Video & Audio
Network	
Network Protocol	802.1X;ARP;DDNS;DHCP;DNS;Easy DDNS;FTP;HTTP;HTTPS;ICMP;IPv4;IPv6; Multicast;NTP;PPPoE;RTCP;RTP;RTSP;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
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;IPC voltage abnormal;RTC failure
Intelligent Analytics	
VCA Search	Early-warning search; Behavior Search; Facial search
VCA Detection by Camera	Tripwire;Double Tripwire;Perimeter;Object Abandon;Object Missing;Loiter;Running; Parking;Lens Dignose;Scene Switch Dignose;Signal Abnormal Detection;Signal Loss Detection;On Duty Detection;Crowd Detection;People Counting;Face Detection
External Port	
HDD	1 SATA ports, up to 10TB for a single HDD. The maximum HDD capacity varies with environment temperature
Disk Group	1 Disk Group
USB	2*USB2.0
HDMI	1*HDMI
VGA	1*VGA
RJ-45	1*RJ-45,10/100 Mbps self-adaptive Ethernet port
SATA	1 SATA interface
General Parameter	
UI Language	English/Spanish/Italian/Turkish/French/Polish/German/Ukrainian
Power Supply	DC12V 3.3A
Power Consumption	<10W(HDD not included,idling)
NetWeight	0.8 kg
GrossWeight	1.45 kg
Boundary Dimensions	255(L)231(W)45(H)mm
Package Dimensions	385(L)80(W)280(H)mm
Operating Temperature	-10°C ~ +55°C ⁰
Operating Humidity	10% ~ 90%RH
Storage Temperature	-10°C ~ +55°C ⁰
Storage Humidity	10% ~ 90%RH
Package Kit	Network Video Recorder;Screw pack;Mouse;Power adapter;European standard power cord

DIMENSIONS (Unit: mm)



Physical Interfaces

