



| SPECIFICATION                |  |
|------------------------------|--|
| Model                        | DVR2020  |
| <b>System</b>                |  |
| Main Processor               | HI3521A  |
| Operating System             | Embedded LINUX   |
| <b>Video</b>                 |  |
| Input                        | Analog: 4*(TVI/AHD: 5M; AHD/TVI/CVI: 4M; AHD/TVI: 3M; AHD/TVI/CVI: 1080P/720P; Analog: 960H)<br>Analog+Network:2*Analog+7*network(Max 8MP)<br>Network: 16*network(Max 8MP)(Total incoming bandwidth ≤80M)  |
| Input                        | 4CH BNC  |
| Signal Type                  | Analog/AHD/CVI/TVI 2.0/TVI 3.0/Network   |
| Output                       | 1 HDMI,1 VGA, 1CVBS  |
| <b>Audio</b>                 |  |
| Input                        | 4Channel, RCA  |
| Two-way Audio                | NO   |
| Output                       | 1 Channel, RCA   |
| <b>Alarm</b>                 |  |
| Sensor Input                 | NO   |
| Output                       | NO   |
| Motion Detection             | 4 Channel(max 16 Channel in pure network mode)   |
| Trigger Events               | Recording, Alarm, Email, Screen tips, Buzzer   |
| Email Alarm                  | Send Image to The Designated E-mail  |
| <b>PTZ</b>                   |  |
| Interface                    | RS485  |
| Protocol                     | Pelco-D, Pelco-P   |
| Baud Rate                    | 110~921600   |
| Address                      | 0~255  |
| <b>Display</b>               |  |
| VGA                          | resolution: 1920 × 1080P /60Hz, 1280 × 1024 /60Hz, 1280 × 720 /60Hz,1024 × 768 /60Hz   |
| HDMI                         | Resolution:2560*1440/30Hz, 1920 × 1080P /60Hz, 1280 × 1024 /60Hz, 1280 × 720 /60Hz,1024 × 768 /60Hz  |
| Display Split                | 16 Channel/9 Channel/8 Channel/4 Channel / 1Channel  |
| Privacy Masking              | 1 Rectangular Zones (Each camera)  |
| OSD                          | Camera title, Time, Video loss, Alarm, Motion detection, Recording   |
| <b>Recording</b>             |  |
| Video Compression            | H.264  |
| Audio Compression            | G711u  |
| Resolution                   | 5MP(2592×1944),5MP_HALF(1296×1944),4MP(2560×1440),4MP_HALF(1280×1440),3MP(2048×1536),1080P(1920×1080),720P(1280×720),960H(P:960×576/N:960×480)   |
| Video Quality                | worst/worse/ordinary/well/best   |
| Record Rate                  | Analog: PAL:5MP(2592×1944 4*12fps),5MP_HALF(1296×1944 4*20fps), 4MP(2560×1440 4*15fps),4MP_HALF(1280×1440 4*25fps),3MP(2048×1536 4*18fps);1080P(1920×1080 4*25fps),720P(1280×720 4*25fps), 960H(960×576 4*25fps)<br>NTSC: PAL:5MP(2592×1944 4*12fps),5MP_HALF(1296×1944 4*20fps), 4MP(2560×1440 4*15fps),4MP_HALF(1280×1440 4*30fps),3MP(2048×1536 4*18fps),1080P(1920×1080 4*30fps),720P(1280×720 4*30fps), 960H(960×480 4*30fps)<br>Pure IP: PAL:4k@6×25fp,5MP@8×25fp,4MP@11×25fp,3MP@11×25fp,1080P@16×25fp,960P@16×25fp,720P@16×25fp,D1@16×25fp<br>NTSC: 4k@6×30fp,5MP@8×30fp,4MP@11×30fp,3MP@11×30fp,1080P@16×30fp, 960P@16×30fp, 720P@16×30fp, D1@16×30fp |
| Record Mode                  | Manual\Timer\Motion Detection  |
| <b>Playback &amp; Backup</b> |  |
| Decode Capability            | 4CH 1080P@30fps  |
| Sync Playback                | Pure Analog: 4CH 5M@12fps, 4CH 4M@15fps, 4CH 3M@18fps, 4CH 1080p@30fps<br>Mix Mode: 2CH 1080P@30fps+1CH 1080N@12fps<br>Pure IPC: 1CH 4K@30fps, 1CH 5MP@30fps, 2CH 4MP@30fps, 3CH 3M@30fps, 4CH 1080P@30fps, 4CH 960P@30fps, 4CH 720P@30fps   |
| Remote Playback              | 4 Channel / 1 Channel  |
| Search Mode                  | ALL, Channel, Manual, Time, Date, Motion Detection   |
| Playback Functions           | Play, Pause, Stop, Fast play, Rewind   |
| Smart Phone Playback         | 4 Channel  |
| Backup Mode                  | USB Device/Network   |
| <b>Network</b>               |  |
| Interface                    | 1 RJ45 10M/100 Adaptive Ethernet Interface   |
| Network Functions            | HTTP, IPv4,IPv6, TCP/IP, SMTP, DHCP, DNS, PPPOE, DDNS, NTP, FTP, UPNP  |
| DDNS                         | Dyndns, changeip, no-ip, Oray, A-PRESS, MYQSEE, SKDDNS, SMART-EYES   |
| Web Browser                  | IE8-11, Google Chrome (IE Tab), Firefox (IE Tab)   |
| CMS Software                 | Support Windows 7/ Windows 8/Windows 10  |
| Extra Stream                 | CIF(1~25fps)   |
| Smart Phone                  | iPhone, ipad, Android ,Android pad   |
| <b>Hard Disk Driver</b>      |  |
| Interface Type               | 1 SATA Interface   |
| Capacity                     | 2.5"/3.5" SATA, Up to 6TB  |
| <b>General</b>               |  |
| Language                     | Chinese, English, Polish, Czech, Russian, Thai, Hebrew, Arabic, Bulgarian, Farisa<br>German, French, Portuguese, Turcic, Spanish, Italian, Hungarian, Romanian, korean, Dutch, Greek   |
| UTC Control                  | YES  |
| USB Interface                | 2 USB 2.0 Interfaces   |
| Power consumption            | DC 12V ≤6W (Without Hard Disk)   |
| Working Environment          | -10~55°C/10~90%  |
| Dimension (W×D×H)            | 260*215*43(mm)   |
| Weight                       | 2.0kg (Without HDD)  |