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| Technical Parameters | | | |
| project | Device parameters | VC-S3 (SD card type) VC-H3 (hard disk type) | |
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| system | operating system | Linux 2.6 | |
| boot time | <20 s (power on to video recording) | |
| System language | Simplified Chinese/English (support customizable language) | |
| storage | Hard disk (up to 2TB), SD card up to 128G | |
| Video recording system | H.264 Main/High Profile, HD 1080p30/720p30/540p30 recording per channel | |
| power supply | Input: 8 V ~ 36 V DC, Output: 12V/1.5A (4 channels) | |
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| video | Video Input | 4-channel/8-channel support analog signal; AHD/CVI/TVI signal; | |
| Video Output | One channel AV + one channel VGA | |
| Video Preview | Single screen/quadruple screen/eight screens (page display) | |
| Video Streaming | ISO 14496-10 | |
| Video resolution | 1280x720 | |
| Video frame rate | Optional (1920x1080, 1280x720, 960x540) | |
| Video recording mode | Start-up recording, timed recording, alarm recording | |
| Compression method | H.264 (High profile up to level 4.1) | |
| Frame rate | Max 240fps@1080p | |
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| Audio | Audio Input | Built-in camera | |
| Audio compression standards | AAC (16bit, 48KHz) | |
| control | Touch screen control | support | |
| Mouse Control | support | |
| Computer control | support | |
| Mobile phone control | support | |
| IE | support | |
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| interface | Network port | 1(RJ-45) 10M / 100M | |
| USB | Support USB2.0 external mobile hard disk storage device (only for SD card machines) | |
| Serial Port | RS-232×1 | |
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| network | WIFI | Support 802.11b/g/n AP, transmission speed 300Mbps | |
| protocol | TCP/IP | |
| 3G | 3G/4G (Only for models that support 3G/4G) | |
| WIFI | Support WIFI hotspot | |
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| Call the police | Alarm input | 7 alarm inputs, 1 speed input, 1 ignition signal, 1 emergency button, support G-Sensor | |
| Alarm Output | Relay output, alarm display, etc., Email | |
| Alarm trigger | Video loss alarm, overspeed alarm, G-Sensor collision alarm, storage space alarm, motion detection | |
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| power supply | Ignition Switch | Ignition to start, flameout can delay shutdown | |
| Power consumption | The power consumption of this machine is less than 5.0W (without powering peripheral devices such as cameras) | |
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| Exterior | size | 123.0mm x 142.0mm x 36.2mm (Dual SD card type) 123.0mm x 142.0mm x60.2mm (Hard disk type) |  |
| weight | 0.56KG (SD card type) 1.00kg (hard disk type) | |
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| other | Backup | Can download via WIFI, 3G/4G, support computer copy, player backup | |
| time | Built-in, GPS time calibration | |
| Satellite positioning | GPS/Beidou/GLONASS | |
| Dual stream | You can set different frame rates and bit rates to control the size of the video file | |
| Reverse polarity protection | Prevent overload, short circuit and reverse connection | |
| reset | Can restore factory settings | |
| SD | Supports two high-speed SD cards | |
| Indicator Lights | Power, Operation, Alarm, Media Access, Recording, Network and 3G indicators | |
| Automatic coverage | Optional coverage | |
| synchronised time | Can synchronize network time or GPS time | |
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| working environment | temperature | '-30~70°C | |
| humidity | 5% - 95% | |
| shock | < 3 Grms | |
| Mechanical shock resistance | < 1200 Grms | |
|  | | | |
| software | Channel frame rate | 1~30fps | |
| License plate number record | support | |
| USB | support | |
| Camera channel naming | support | |
| digital water mark | support | |
| schedule | h/m/d three options | |
| Image playback | Can be queried by time, alarm, etc. | |
| Play speed | Supports 1 to 16 times fast forward | |