

# VKIT-6MP-6E-W

6MP 8CHN 6 TURRET CAMERA KIT, 2TB Storage



## INSIDE THE KIT

6x TURVIP-6-FW

1x VIPER-NVR-4K-8-2TB

## RECORDER SPECIFICATIONS

- Supports 8CH 8MP/6MP/5MP/4MP/3MP/1080P/1280x1024/960P/720P/960H/D1/CIF IP video input
- Adopts standard H.265 and H.264, high profile
- Intuitive and user-friendly Graphic User Interface (GUI)
- Multi-mode recording: manual / timer / motion / sensor / smart events
- Playback: 8CH simultaneous playback
- DHCP, DDNS, PPPoE network protocol
- Remote control via Web or CMS: preview, playback,
- Supports dual streams
- Supports mobile surveillance by smart phones with iOS or Android OS
- Pentaplex : preview, record, playback, backup

| Specification                | Network Video Recorder                                                                         |
|------------------------------|------------------------------------------------------------------------------------------------|
| System                       |                                                                                                |
| OS                           | Embedded Linux                                                                                 |
| Video                        |                                                                                                |
| Network Input                | 8CH IPC input                                                                                  |
| Network Input Resolution     | 8MP / 6MP / 5MP / 4MP / 3MP / 1080P / 1280x1024 / 960P / 720P / 960H / D1 / CIF                |
| Output                       | HDMI x1: 3840x2160 / 1920x1080 / 1280x1024 / 1024x768<br>VGA: 1920x1080 / 1280x1024 / 1024x768 |
| Compression                  | Standard H.265 / H.264                                                                         |
| Audio                        |                                                                                                |
| Network Input                | 8CH IPC audio input                                                                            |
| 2-Way Audio                  | RCA × 1                                                                                        |
| Local Output                 | RCA × 1                                                                                        |
| Compression                  | G.711(U/A)                                                                                     |
| Record                       |                                                                                                |
| Record Stream                | Dual stream recording                                                                          |
| Resolution                   | 8MP / 6MP / 5MP / 4MP / 3MP / 1080P / 1280x1024 / 960P / 720P / 960H / D1 / CIF                |
| Frame Rate                   | NTSC:30fps; PAL:25fps                                                                          |
| Playback                     |                                                                                                |
| Simultaneous Playback        | Max. 8CH                                                                                       |
| Search                       | Time slice / time / event / tag search                                                         |
| Smart Search                 | Highlighted colour to display the recordings in a certain period of time                       |
| Function                     | Play, pause, FF, FB, digital zoom, etc.                                                        |
| Decoding Capability          |                                                                                                |
| Live View/Playback           | 1CH 8MP; 4CH 1080P                                                                             |
| Alarm                        |                                                                                                |
| Mode                         | Manual, sensor, motion, exception, smart events                                                |
| Input                        | Supports IPC alarm input                                                                       |
| Output                       | Supports IPC alarm output                                                                      |
| Trigger                      | Record, snap, preset, e-mail, etc.                                                             |
| Network                      |                                                                                                |
| Interface                    | RJ45 x1 (10/100/1000Mbps)                                                                      |
| Protocol                     | TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP, HTTP, HTTPS, 802.1x                         |
| Incoming/ Outgoing Bandwidth | 80/80 (Mbps)                                                                                   |

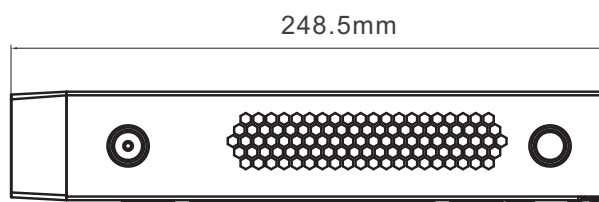
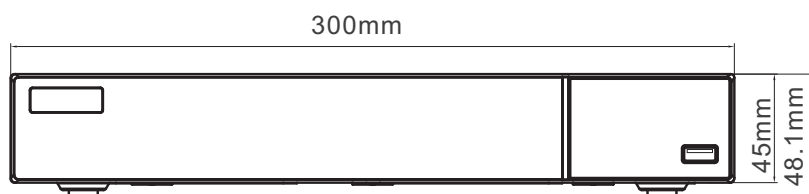
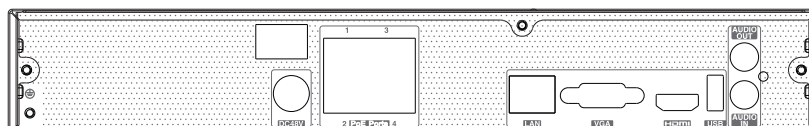
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| Specification           | Network Video Recorder          |
|-------------------------|---------------------------------|
| <b>Mobile OS Device</b> |                                 |
| OS                      | iOS, Android                    |
| <b>Storage / Backup</b> |                                 |
| HDD Interface           | SATA 3.0 x 1, maximum 8TB       |
| Local Backup            | U disk, USB mobile HDD          |
| Network Backup          | Supported                       |
| <b>Port</b>             |                                 |
| USB                     | USB 2.0 x2                      |
| <b>PoE</b>              |                                 |
| PoE Ports               | 100M RJ45 x8                    |
| Standards               | IEEE802.3af                     |
| Output Power            | ≤ 96W                           |
| <b>Others</b>           |                                 |
| Power Supply            | DC 48V/2.5A                     |
| Consumption             | ≤ 10W [ without HDD ]           |
| Dimensions (mm)         | 300 x 249 x 45 ( W x D x H )    |
| Working Environment     | -10 ~ +50°C, 10% ~ 90% humidity |



# VKIT-6MP-6E-W



## CAMERA SPECIFICATIONS

- 6MP ( 3072 × 2048 ) H.265 coding
- Max.resolution: 3072 × 2048
- ICR auto switch, true day / night, ROI coding
- 3D DNR, WDR, HLC, BLC, defog
- 20~30m IR night view distance
- DC12V/PoE
- ROI coding
- IP67 ingress protection
- Supports three streams
- Supports mobile surveillance by smart phones with iOS or Android OS
- 1CH built-in mic

| Specification              | Camera                                                                                                                                |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| <b>Camera</b>              |                                                                                                                                       |
| Image Sensor               | 1 / 2.7"                                                                                                                              |
| Image Size                 | 3072 × 2048                                                                                                                           |
| Electronic Shutter         | 1 / 25 s ~ 1 / 100000 s                                                                                                               |
| Iris Type                  | Fixed Iris                                                                                                                            |
| Min. Illumination          | 0.0236 lux @F2.0, AGC ON; 0 lux with IR<br>0.0085 lux @ F1.2, AGC ON; 0 lux with IR                                                   |
| Lens                       | 2.8 mm @F2.0, Horizontal FoV: 93.4° / M12                                                                                             |
| Lens Mount                 | M12                                                                                                                                   |
| Wide Dynamic Range         | Digital WDR                                                                                                                           |
| BLC                        | Yes                                                                                                                                   |
| HLC                        | Yes                                                                                                                                   |
| Defog                      | Yes                                                                                                                                   |
| Digital NR                 | 3D DNR                                                                                                                                |
| Angle Adjustment           | Pan: 0°~360°; Tilt:0°~75°; Rotation: 0°~360°                                                                                          |
| <b>Image</b>               |                                                                                                                                       |
| Video Compression          | H.265 / H.264                                                                                                                         |
| H.265 Compression Standard | Main Profile@Leve4.1 High Tier                                                                                                        |
| Resolution                 | 6MP (3072x2048 ),4MP (2560x1440) 1080P ( 1920x1080 ), 720P (1280x720 ), D1, CIF, 480x240                                              |
| Main Stream                | 60Hz: 6MP(1 20fps) / 4MP(1~30fps) / 1080P(1~30fps) / 720P(1~30fps) 50Hz: 6MP(1~20fps) / 4MP(1~25fps) / 1080P(1~25fps) / 720P(1~25fps) |
| Sub Stream                 | 60Hz: 720P (1-15fps) / D1(1-30fps) / CIF (1~30fps); 50HZ: 720P(1~12fps) / D1(1~25fps) / CIF (1~25fps)                                 |
| Third Stream               | 60Hz: D1 / CIF / 480x240 (1~30fps); 50HZ: D1 / CIF / 480x240 (1~25fps)                                                                |
| Bit Rate                   | 128 Kbps ~ 5 Mbps                                                                                                                     |
| Bit Rate Type              | VBR / CBR                                                                                                                             |
| Audio Compression          | G711A / U                                                                                                                             |
| Image Settings             | ROI, Saturation, Brightness, Chroma, Contrast,Wide Dynamic, Sharpen, NR,etc. adjustable through client software or web browser        |
| ROI                        | Each ROI to be configured separately                                                                                                  |
| <b>Interfaces</b>          |                                                                                                                                       |
| Network                    | RJ45                                                                                                                                  |
| Audio                      | 1CH built-in MIC                                                                                                                      |



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| Functions             |                                                                                                     |
|-----------------------|-----------------------------------------------------------------------------------------------------|
| Remote Monitoring     | Web browsing, CMS remote control                                                                    |
| Online Connection     | Supports simultaneous monitoring for up to 3 users;<br>Supports multi-stream real time transmission |
| Network Protocol      | UDP, IPv4, IPv6, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, 802.1x, UPnP, HTTP, HTTPS, QoS            |
| Interface Protocol    | ONVIF, GB-T/28181-2011                                                                              |
| Storage               | Network remote storage, micro SD card storage                                                       |
| Smart Alarm           | Motion detection, SD card error, SD card full                                                       |
| Intelligent Analytics | Region intrusion detection, video blur detection and line crossing detection                        |
| General Function      | Watermark, IP address filtering, video mask, heartbeat, password protection                         |
| PoE                   | Yes                                                                                                 |
| IR Distance           | 20 ~ 30 m                                                                                           |
| Ingress Protection    | IP67                                                                                                |
| Others                |                                                                                                     |
| Power Supply          | DC12V/PoE                                                                                           |
| Power Consumption     | < 5W                                                                                                |
| Operating Environment | - 30°C ~ +60°C (-22°F ~ +140°F)<br>Humidity: less than 95 % non condensing                          |
| Dimensions [ mm ]     | Φ 94.6 × 82.8                                                                                       |
| Weight [ net ]        | Approx. 0.45KG                                                                                      |
| Installation          | Ceiling mounting (Wall mounting available with the junction box and bracket)                        |

