

Rugged Vault

| System | Rugged Vault/2 | Rugged Vault/3 | Rugged Vault/6 |
|------------------|--|-----------------------|-----------------------|
| Operating System | Embedded Linux Built in flash memory | | |
| Language | Chinese, Chinese(S), Dutch, English, French, German, Hebrew, Hungarian, Italian, Japanese, Korean, Latvian, Persian, Polish, Portuguese, Russian, Spanish, Sweden, Turkish | | |
| Time Accuracy | 5ppm (12.5 Sec/Month) | | |
| Time Sync. | NTP, GMT, DST | | |
| User | 15 Users (Admin., User1 ~ User14) | | |
| Access | Front button, Mouse, Remote Control, Network, Key controller | | |
| Hexaplex | Live monitoring, Recording, Playback, Backup, Network, Setup | | |
| Video | Rugged Vault/2 | Rugged Vault/3 | Rugged Vault/6 |
| System | NTSC / PAL – Config switch | | |
| Input | 16 / 8 / 4 BNC | | |
| Output | 1 HDMI, 1 VGA, 1 BNC | | |
| loop | NA | | |
| Spot | 1 RCA (4 CH: N/A) | | |
| Audio | Rugged Vault/2 | Rugged Vault/3 | Rugged Vault/6 |
| Input | 16, 8, RCA | | |

| | | | |
|------------------------|--|-----------------------|-----------------------|
| Output | 1 HDMI, 1 RCA | | |
| Video Recording | Rugged Vault/2 | Rugged Vault/3 | Rugged Vault/6 |
| Compression | H.264 | | |
| Speed | 1920 x 1080p real-time recording (480fps (30fps each 16 ch) / 240fps (30fps each 8 ch)) | | |
| Resolution | ★1080p, 720p, 960H (960×480), D1 (720×480), CIF (352×240) | | |
| Mode | Schedule | | |
| Event | Sensor, Motion, Audio, text | | |
| Quality | 5 Levels | | |
| Bit Rate | 512kbps – 5Mbps/Ch, Adjustable | | |
| Audio Recording | Rugged Vault/2 | Rugged Vault/3 | Rugged Vault/6 |
| Compression | G.711u | | |
| Sampling Rate | 8KHz | | |
| Bit Rate | 64Kbps | | |
| Playback | Rugged Vault/2 | Rugged Vault/3 | Rugged Vault/6 |
| Search | Go to first rec. time, Go to last rec. time, Go to last search time, Calendar, Log viewer, Smart search, Multi-time & day search, Event search | | |
| Mode | Event only playback, Backward, Pause, Frame by frame, Panorama Speed up (x1 ~ x32, x300) | | |
| Netowrk | Rugged Vault/2 | Rugged Vault/3 | Rugged Vault/6 |
| Interface | Ethernet 10/100/1G | | |
| Compression | H.264 or JPEG | | |
| Speed | Max. 720p 10 fps/ch | | |
| Resolution | Max. 1280 x 720p | | |

Mode Bandwidth control

| | Rugged Vault/6 | Rugged Vault/3 | Rugged Vault/2 |
|-------------------------|--|--|--|
| Backup Interface | USB2.0, DVD, Network | USB2.0, , Network | USB2.0, Network |
| Format | Video clip (Backup viewer), JPEG Still Image, Log List, Setup Data | Video clip (Backup viewer), JPEG Still Image, Log List, Setup Data | Video clip (Backup viewer), JPEG Still Image, Log List, Setup Data |

Alarm **Rugged Vault/2** **Rugged Vault/3** **Rugged Vault/6**

Pre/Post-Alarm 5sec / 5sec~5min

Motion Grid 32 x 24 (NTSC/PAL)

Alarm Action E-mail, Channel Popup, Buzzer, Relay, PTZ Preset, Spot, Remote CMS, Front LED

Input / Output 4/1 – NC/NO

Display **Rugged Vault/2** **Rugged Vault/3** **Rugged Vault/6**

HDMI ★ Full HD, XGA

VGA Full HD, XGA

TV SDTV(720×480/576)

Mode 16/9/4/1/SEQ – LIVE, 16/9/4/1 – P.B

Camera Adjust SD Cameras Only

TV Adjust N/A

Camera Title Name English : 20 characters – Chinese, Japanese, Korean : 10 characters

External Interface **Rugged Vault/6** **Rugged Vault/3** **Rugged Vault/2**

PTZ / Keyboard 2 RS 485 – Terminal Block

ATM / POS RS 232C – Terminal Block, Ethernet POS

| | Rugged Vault/6 | Rugged Vault/3 | Rugged Vault/2 |
|----------------|-----------------------|-----------------------|--------------------------|
| Storage | | | |
| Primary | 6 HDD | 3 HDD | 2 HDD or 1 HDD + 1 eSATA |
| External | 2 eSATA | 1 eSATA | 2 HDD or 1 HDD + 1 |

| | | | | |
|-----------------|-----------------------|-----------------------|-----------------------|-------|
| CD/DVD | Yes | Yes | | eSATA |
| | | | | N/A |
| Features | Rugged Vault/6 | Rugged Vault/3 | Rugged Vault/2 | |
| Jog-shuttle | Yes | N/A | N/A | |
| H/W RAID | ★ RAID 1/5 Options | ★ RAID 1/5 Options | N/A | |

| | Auto-HD/6 | Auto-HD/3 | Auto-HD/2 |
|------------------------|-----------------------------|------------------|------------------|
| Universal | Yes | | |
| EOL | Yes | | |
| Coaxitron | N/A | | |
| Privacy Zone | N/A | | |
| Covert Channel | Yes | | |
| Digital Zoom | x1 ~ x16 | | |
| Watermarking | Yes | | |
| Two-way Audio | Yes | | |
| Detection / Search | Motion, Sensor, Audio, Text | | |
| Fan Fail | Yes | | |
| E-mail | 5 User with still image | | |
| Capture | Full HD, XGA | | |
| iSCS Recording | ★ Yes ? | | |
| DDNS, DHCP, UPNP | Yes | | |
| CMS, VMS, RMS | Windows | | |
| Smart Phone (3G/4G) | Android, Apple | | |
| Mac Viewer | ★ Apple Mac OS | | |

| General | Rugged Vault/6 | Rugged Vault/3 | Rugged Vault/2 |
|-----------------|-------------------------|-------------------------|-------------------------|
| Power Supply | 90 – 250V, 50/60Hz | 12V/5A – Level 5 | 12V/5A – Level 5 |
| Consumption | 80Watts | 60Watts | 40Watts |
| Operating Temp. | 40° ~ 104° F | 40° ~ 104° F | 40° ~ 104° F |
| Humidity | 10 ~ 80 | | |
| Weight w/o HDD | 17.7 lbs | 8.9 lbs | 6.7 lbs |
| Dimension | 17.32"(W) x 16.93"(D) x | 16.93"(W) x 10.63"(D) x | 13.40"(W) x 11.80"(D) x |

3.46"(H)

3.38"(H)

2.30"(H)

Certification

CE, FCC, RoHS Compliance