

MATRIVIDEO™ Video Recorders

Enterprise Digital Video Surveillance System

FEATURES

[1U, 2U & 3U Series Hybrid DVRs and NVRs]

- Different size recorders suitable for any installation
- Embedded Linux OS design for stability and security
- Sophisticated Failover and Switchback
- Hybrid configuration to record both analog and IP cameras
- Hardware H.264 video compression
- Large storage capacity with up to 12 hard drive bays
- Optional, easy to configure RAID 5 for video data protection
- Support for multiple megapixel IP cameras
- Real-time video recording on up to 32 analog and 48 IP channels
- Complete Network Video Recording solution



INSTEK DIGITAL

MatriVideo Video Recorders

Enterprise Digital Video Surveillance System



| DVR/ hDVRs | | DR5400-3U | DR5300-3U | DR5400-2U | DR5300-2U | DR3800-2U | DR3700-2U | DR5400-1U | DR5300-1U |
|------------|---------------------|-----------------------|--------------|-----------------------|--------------|-----------------------|--------------|-----------------------|--------------|
| SYSTEM | Function | DVR/ hDVR | | DVR/ hDVR | | DVR/ hDVR | | DVR/ hDVR | |
| | Operating System | Embedded Linux | | Embedded Linux | | Embedded Linux | | Embedded Linux | |
| | Dual Power Supplies | Yes | | No | | No | | No | |
| | Dual Watchdog | Yes | | Yes | | Yes | | Yes | |
| VIDEO | Analog Cam Input | 16, 32 | | 8, 16 | 8, 16, 32 | 8 | 8, 16 | 8 | |
| | Analog Compression | H.264 | | H.264 | | H.264 | | H.264 | |
| | IP Cam Input | 16 | | 16 | | 16 | | 16 | |
| | Supported Formats | H.264/ MPEG4/ MJPEG | | H.264/ MPEG4/ MJPEG | | H.264/ MPEG4/ MJPEG | | H.264/ MPEG4/ MJPEG | |
| | Image Resolution | 4CIF, DCIF, CIF, QCIF | | 4CIF, DCIF, CIF, QCIF | | 4CIF, DCIF, CIF, QCIF | | 4CIF, DCIF, CIF, QCIF | |
| | Frame Rate | 30/25 frames | 15/12 frames | 30/25 frames | 15/12 frames | 30/25 frames | 15/12 frames | 30/25 frames | 15/12 frames |
| STORAGE | Internal HDD | 12 bays | | 8 bays | | 4 bays | | 2 bays | |
| | Internal RAID5 | Optional | | Optional | | No | | No | |
| | External Storage | Archive Server/ DAS | | Archive Server/ DAS | | Archive Server/ DAS | | Archive Server | |



| NVRs | | NR5400-3U | NR5400-2U | NR3800-2U | NR3800-2C | NR5400-C2 |
|---------|-------------------|---------------------|---------------------|---------------------|----------------|----------------|
| SYSTEM | Function | NVR | | | | |
| | Operating System | Embedded Linux | | | | |
| | Dual Power Supply | Yes | | No | | No |
| | Dual Watchdog | Yes | | Yes | | Yes |
| VIDEO | IP Cam Input | 16, 32, 48 | 16, 32 | 16, 32 | 4, 9 | 4, 9 |
| | Supported Format | H.264/ MPEG4/ MJPEG | | | | |
| | Image Resolution | MP, 4CIF, CIF, VGA | | | | |
| | Frame Rate | 30/25 frames | 30/25 frames | 30/25 frames | 30/25 frames | 30/25 frames |
| STORAGE | Internal HDD | 12 bays | 8 bays | 4 bays | 3 bays | 2 bays |
| | Internal RAID5 | Optional | | | | |
| | External Storage | Archive Server/ DAS | Archive Server/ DAS | Archive Server/ DAS | Archive Server | Archive Server |

The MatriVideo™ video recorder is designed for the dynamic needs of the emerging digital video surveillance market. With the high-video image resolution, seamlessly integrated mass storage, and hybrid camera configuration, MatriVideo™ recorders are the best solution for enterprise installations. The 3U platform comes equipped with twelve swappable hard disk slots, while the new space-saving 2U platform comes equipped with eight internal hard disk slots and our powerful enterprise-recording engine.

The Linux kernel of the MatriVideo™ recorders is embedded in a flash disk. Without mechanical parts like a fast spinning hard drive, enjoy longer system operation and fewer maintenance repairs. Combined with failover, dual watchdog, optional dual power supplies and RAID5 storage redundancy, MatriVideo™ DVRs and NVRs guarantee maximum system up-time.

With advanced H.264 hardware compression technology, MatriVideo™ hDVRs provide high video resolution and image quality with small data size and network bandwidth. The MatriVideo™ hDVR presents excellent value for performance by offering hybrid connectivity for both analog and IP cameras and large available storage in a single unit. Our newly integrated MegaPixel capability allows MatriVideo™ recorders to advance beyond standard analog and low-resolution IP camera capabilities, thereby offering greater image resolution recordings with high-definition cameras.

Contact

Email: Sales@InstekDigital.com / Info@InstekDigital.com
 Taiwan Office: TEL: +886-2-29141839 FAX: +886-2-29101803
 US Office: TEL: +1-909-627-8811 FAX: +1-909-627-8838