

Tereo Product Specifications

Tereo Product Classification:

| Module Name | Owner | Express | LE | PRO | Enterprise | Brandable | Localizable | Description |
|-----------------------|-------|---------|----------|-----|------------|-----------|-------------|--|
| vMaster | Tereo | Yes | Yes | Yes | Yes | Yes | Yes | Licensing application for all modules |
| vCam | Tereo | Yes | Yes | Yes | Yes | Yes | Yes | Camera database application |
| vCapture | Tereo | Yes | Yes | Yes | Yes | Yes | Yes | Image capture engine |
| vStore | Tereo | Yes | Yes | Yes | Yes | Yes | Yes | Image storage engine |
| vMotion | Tereo | Yes | Yes | Yes | Yes | Yes | Yes | Motion detection module |
| vConsole | Tereo | Yes | Yes | Yes | Yes | Yes | Yes | LAN live viewing module |
| vPlay | Tereo | Yes | Yes | Yes | Yes | Yes | Yes | Historic playback module |
| vPTZ | Tereo | No | Yes | Yes | Yes | Yes | Yes | PTZ with single live viewing module |
| vWeb | Tereo | No | Yes | Yes | Yes | Yes | Yes | Web server for WAN and Internet viewing |
| vWebMon | Tereo | No | Yes | Yes | Yes | Yes | Yes | WAN and Internet viewing module |
| vGuard | Tereo | No | Yes | Yes | Yes | Yes | Yes | Module for e-mail notification |
| vAlarm | Tereo | No | Yes | Yes | Yes | Yes | Yes | Alarm event module |
| vEvent | Tereo | No | Yes | Yes | Yes | Yes | Yes | Time line event viewer module |
| vScheduler | Tereo | No | Yes | Yes | Yes | Yes | Yes | Camera recording scheduling module |
| Authentication | N/A | No | No | Yes | Yes | Yes | Yes | Authentication option |
| nPlay | Tereo | No | Optional | Yes | Yes | Yes | Yes | Tree based historic playback application |

Notes:

- 1) Express supports 4 cameras and is not upgradeable.
- 2) LE supports 4 cameras and is upgradeable to 100 cameras. LE runs on single server, unlimited viewing clients.
- 3) PRO supports 8 cameras and is upgradeable to 1000 cameras. PRO modules can run on multiple servers, unlimited viewing clients.
- 4) ENT supports 20 cameras and is upgradeable to any number of cameras. ENT modules can run on multiple servers, unlimited viewing clients.
- 5) Hardware not included.

Tereo Feature List:

| Features | Express | LE | PRO | ENT | Comments |
|---------------------------------------|-----------|-----------|-----------|-----------|--|
| Access Control | No | Yes | Yes | Yes | Access Control doors, locks, gates & other security devices |
| Administration, Access | Yes | Yes | Yes | Yes | Access to camera administration functions from any system |
| Application Monitoring | Yes | Yes | Yes | Yes | Watchdog function |
| Alarm Support | No | Yes | Yes | Yes | See vAlarm |
| Alarm, alerting support | No | Yes | Yes | Yes | |
| Alarm, response management | No | Yes | Yes | Yes | Alarm response management performed by vConsole |
| Alarm, Integration | No | Yes | Yes | Yes | Optional integration with existing alarm systems, see vAlarm |
| Alarms, Motion Based | No | Yes | Yes | Yes | Uses vMotion pre/post buffers |
| Alarms, Sensor Based | No | Yes | Yes | Yes | |
| Alarms, Dry Contact | No | Yes | Yes | Yes | See SE1280 |
| Alarms, API Socket Based | No | Yes | Yes | Yes | Your Application can trigger alarms |
| Alarms, Record on Alarm | No | Yes | Yes | Yes | With or without vMotion settings |
| Alarm Based Presets | No | Yes | Yes | Yes | |
| Archive Recording | Unlimited | Unlimited | Unlimited | Unlimited | Unlimited image recording (resource dependent) |
| Archive view by time search | Yes | Yes | Yes | Yes | |
| Archive search by motion events | Yes | Yes | Yes | Yes | |
| Archive search by triggered events | No | Yes | Yes | Yes | |
| Audio Recording | Yes | Yes | Yes | Yes | Barix Annunicom |
| Audio Format | MP3 | MP3 | MP3 | MP3 | For MPEG-4 see TVR option |
| Audio, Max Devices | Unlimited | Unlimited | Unlimited | Unlimited | |
| Authentication | No | No | Yes | Yes | |
| Authentication, Users | N/A | N/A | Unlimited | Unlimited | |
| Authentication, Levels | N/A | N/A | 10 | 10 | |
| Authentication, Cameras | Yes | Yes | Yes | Yes | Supports HTTP username and password for IP Cameras |
| AVI Movie Support | Yes | Yes | Yes | Yes | Basic AVI built-in, for expanded options see vMovie. |
| Brandable | Yes | Yes | Yes | Yes | Call for more information |
| Buttons, custom program Launch | Yes | Yes | Yes | Yes | Custom soft buttons, see vMaster |
| Buttons, custom viewing options | Yes | Yes | Yes | Yes | Custom soft buttons for access control, see vConsole |
| Cameras, Base | 4 | 4 | 8 | 20 | IP Cameras |
| Cameras, Max Supported | 4 | 100 | 1000 | Unlimited | |
| Camera, support wireless 802.11a,b, g | Yes | Yes | Yes | Yes | |
| Camera, support cellular | Yes | Yes | Yes | Yes | IP Cameras |
| Camera Management | Yes | Yes | Yes | Yes | |
| Camera Driver Support | Yes | Yes | Yes | Yes | |

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| Camera Stream Driver | Yes | Yes | Yes | Yes | Camera Specific |
| Camera Snap Shot Drivers | Yes | Yes | Yes | Yes | Camera Specific |
| Cameras, IP Support | Yes | Yes | Yes | Yes | See Camera Guide |
| Cameras, Analog Support | Yes | Yes | Yes | Yes | See Video Servers |
| Cameras, NTSC Support | Yes | Yes | Yes | Yes | See Video Servers |
| Camera Authentication | Yes | Yes | Yes | Yes | Levels 1-10, user selectable |
| Camera Auth and Windows | Yes | Yes | Yes | Yes | Can sense logged on user (auto) |
| Camera, B/W | Yes | Yes | Yes | Yes | Camera specific |
| Cameras, Mega Pixel Support | Yes | Yes | Yes | Yes | Camera Specific (IP Cameras Only) |
| Camera Recover on Disconnect | Yes | Yes | Yes | Yes | |
| Camera IP/Port Support | Yes | Yes | Yes | Yes | |
| Camera Domain Name Support | Yes | Yes | Yes | Yes | |
| Camera Disk Storage Quota | Yes | Yes | Yes | Yes | |
| Camera, Wireless Support | Yes | Yes | Yes | Yes | Requires an access point |
| Capture Engine | Yes | Yes | Yes | Yes | See vCapture |
| Capture, Windows Service | Yes | Yes | Yes | Yes | |
| Capture, Max Connection | 255 | 255 | Unlimited | Unlimited | Maybe limited by system resources |
| Capture Status | Yes | Yes | Yes | Yes | |
| Capture Camera Status | Yes | Yes | Yes | Yes | |
| Capture Server Status | Yes | Yes | Yes | Yes | |
| Client Server Architecture | No | No | Yes | Yes | Unlimited live viewing |
| Configuration of Modules | Yes | Yes | Yes | Yes | |
| Configuration, Multiple | Yes | Yes | Yes | Yes | Multiple Configurations Supported |
| Dashboard | Yes | Yes | Yes | Yes | Single Launching Application |
| Dashboard, Auto Startup | Yes | Yes | Yes | Yes | |
| Dashboard Status | Yes | Yes | Yes | Yes | |
| Dashboard Web Access | Yes | Yes | Yes | Yes | |
| Documentation | Yes | Yes | Yes | Yes | |
| Documentation, Brandable | Yes | Yes | Yes | Yes | |
| Documentation, Tech Support | Yes | Yes | Yes | Yes | |
| Ease of Deployment and Use | Yes | Yes | Yes | Yes | Intuitive interface: Drag and drop, pull down menus, buttons |
| e-Mail | Yes | Yes | Yes | Yes | On Events |
| e-Mail with Image | Yes | Yes | Yes | Yes | On Motion Events |
| e-Mail on Down Camera | Yes | Yes | Yes | Yes | |
| Event, Audible Notification | Yes | Yes | Yes | Yes | |
| Event Based Recording | Yes | Yes | Yes | Yes | See vAlarm |
| External Processes | Yes | Yes | Yes | Yes | Can launch 3 rd Party apps |

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| Image, JPEG Support | Yes | Yes | Yes | Yes | |
| Image, MJPEG support | Yes | Yes | Yes | Yes | |
| Image, MPEG4 Support | No | No | No | Yes | For MPEG4 support, see TVR product |
| Image Printing, Local and LAN | Yes | Yes | Yes | Yes | |
| Image Export | Yes | Yes | Yes | Yes | JPEG |
| Image iPix Support | Yes | Yes | Yes | Yes | |
| Image Max Resolution | Unlimited | Unlimited | Unlimited | Unlimited | v2.5 - 3000x3000 dpi tested |
| Image Max Size | 16MB | 16MB | 16MB | 16MB | v2.5 – Several MBs Tested |
| Image Retrieval | Yes | Yes | Yes | Yes | See vPlay |
| Image Compression | Yes | Yes | Yes | Yes | User selectable |
| Image, Text Overlay | Yes | Yes | Yes | Yes | Camera specific |
| Image, Time Overlay | Yes | Yes | Yes | Yes | Camera specific |
| Image, Brightness Control | Yes | Yes | Yes | Yes | Camera Specific |
| Image, Contrast Control | Yes | Yes | Yes | Yes | Camera Specific |
| Image, Hue Control | Yes | Yes | Yes | Yes | Camera Specific |
| Image Security (Watermark) | Yes | Yes | Yes | Yes | Proprietary |
| Installation | Yes | Yes | Yes | Yes | Install Shield |
| Installation Location | Yes | Yes | Yes | Yes | Master Server or Licensing System |
| Installation Custom | Yes | Yes | Yes | Yes | Can create your own |
| Licensing Module | Yes | Yes | Yes | Yes | See vMaster |
| Licensing by Camera/Stream | Yes | Yes | Yes | Yes | See product details |
| IP, 100% IP Based | Yes | Yes | Yes | Yes | |
| IP Device, External Support | No | Yes | Yes | Yes | See SE1280 |
| IP Sensor Inputs for Alarm | No | Yes | Yes | Yes | |
| IP Max SE1280 IP Devices | No | Unlimited | Unlimited | Unlimited | |
| Localizable | Yes | Yes | Yes | Yes | Call for more information |
| Logging | Yes | Yes | Yes | Yes | Individual Module Logging |
| Logging, Enable/Disable | Yes | Yes | Yes | Yes | |
| Logging, Windows Event | Yes | Yes | Yes | Yes | On module failure |
| Map, Support | Optional | Optional | Optional | Yes | Any map with camera locations |
| Message Notification | No | Yes | Yes | Yes | See e-Mail and Pager options |
| Middleware Creation | Yes | Yes | Yes | Yes | Call for help |
| Motion Storage Module | Yes | Yes | Yes | Yes | See vMotion |
| Motion Region of Interest (ROI) | Yes | Yes | Yes | Yes | Detect on entire image or ROI (2) |
| Motion Ramp UP | Yes | Yes | Yes | Yes | On motion increase recording rate |
| Motion, Pre-Motion Buffer | Yes | Yes | Yes | Yes | Up to 2 seconds of pre-buffer |
| Motion, Post-Motion Buffer | Yes | Yes | Yes | Yes | Up to 10 seconds of pre-buffer |

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| Motion Detection, Launch Program | Yes | Yes | Yes | Yes | Can launch external program on motion detection |
| Motion Detection Default Setups | Yes | Yes | Yes | Yes | |
| Motion Detection Single Slider | Yes | Yes | Yes | Yes | |
| Motion Detection Color Levels | Yes | Yes | Yes | Yes | |
| Motion Detection CPU Control | Yes | Yes | Yes | Yes | Configure based on CPU usage |
| Network Support | Yes | Yes | Yes | Yes | |
| Network TCP/IP Protocol | Yes | Yes | Yes | Yes | Mostly Inter-Module Comm |
| Network HTTP Protocol | Yes | Yes | Yes | Yes | Mostly Cameras |
| Network FPT Protocol | Yes | Yes | Yes | Yes | With Special Driver |
| Network Base-T | Yes | Yes | Yes | Yes | 10, 100 and 1,000 |
| OEM, Support | Yes | Yes | Yes | Yes | Call for more information on OEM options. |
| OS, 2000 PRO/SERVER | Yes | Yes | Yes | Yes | Live Viewing and recording |
| OS, XP Home/PRO | Yes | Yes | Yes | Yes | Live Viewing and recording |
| OS, 2003 Server | Yes | Yes | Yes | Yes | Live Viewing and recording |
| OS, Media Center | Yes | Yes | Yes | Yes | Live Viewing and recording |
| OS, 98/ME | Yes | Yes | Yes | Yes | Live Viewing Only |
| Pager Support | No | Yes | Yes | Yes | Digital Pagers Supported |
| Page on Event | No | Yes | Yes | Yes | |
| Playback Support | Yes | Yes | Yes | Yes | See vPlay |
| Playback, VCR Style Control | Yes | Yes | Yes | Yes | |
| Playback, Single Step | Yes | Yes | Yes | Yes | |
| Playback, Fast Fwd/Rev | Yes | Yes | Yes | Yes | |
| Playback, Skip Frames | Yes | Yes | Yes | Yes | |
| Playback, Multiple Views | Yes | Yes | Yes | Yes | |
| Playback, Synchronized | No | Yes | Yes | Yes | Cannot sync multiple playback views |
| Pocket PC Support | Yes | Yes | Yes | Yes | Special PPC viewing application |
| PTZ, Support | Yes | Yes | Yes | Yes | Supports Most PTZ cameras |
| PTZ, Joystick | Yes | Yes | Yes | Yes | Supports all popular USB Joysticks, see vPTZ |
| PTZ, Virtual Joystick | Yes | Yes | Yes | Yes | Requires free Flash |
| PTZ, Custom Support | Yes | Yes | Yes | Yes | Call us for special drivers |
| PTZ Presets | Yes | Yes | Yes | Yes | See camera for specs |
| PTZ Game Pad Support | Yes | Yes | Yes | Yes | |
| PTZ Silent Operation | Yes | Yes | Yes | Yes | With 3 rd Party App |
| PTZ, Go To Preset on Event | Yes | Yes | Yes | Yes | |
| PTZ Authentication | Yes | Yes | Yes | Yes | |
| PTZ Control/API | Yes | Yes | Yes | Yes | 3 rd Party hooks for PTZ & Presets |
| PTZ Touring | Yes | Yes | Yes | Yes | See optional TourMaster or CamPatrol |

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|--------------------------------|-----------|-----------|-----------|-----------|--|
| Recording, Time Based | Yes | Yes | Yes | Yes | |
| Recording, Motion Based | Yes | Yes | Yes | Yes | |
| Record, Panic Button | Yes | Yes | Yes | Yes | See vConsole |
| Record & Simultaneous View | Yes | Yes | Yes | Yes | |
| Rotate Image | Yes | Yes | Yes | Yes | Can rotate incoming images 90, 180 and 270 degrees |
| Relay Output Support | Yes | Yes | Yes | Yes | See SE1280 IP Device |
| Remote, Live Viewing | Yes | Yes | Yes | Yes | See vWebMon |
| Remote, Historic Playback | Yes | Yes | Yes | Yes | See vWebMon |
| Scheduling | No | Yes | Yes | Yes | |
| Scheduled Recording, vStore | No | Yes | Yes | Yes | |
| Scheduled Recording, vMotion | No | Yes | Yes | Yes | |
| Schedule, Time Increments | No | Yes | Yes | Yes | 15 Minutes |
| Scheduling Days | No | Yes | Yes | Yes | 7 days Scheduling Options |
| Scheduling, Custom | No | Yes | Yes | Yes | 3 rd Party, requires your app |
| Storage Module | Yes | Yes | Yes | Yes | See vStore |
| Storage, Local | Yes | Yes | Yes | Yes | |
| Storage, RAID | Yes | Yes | Yes | Yes | See Systems |
| Storage, NAS | Yes | Yes | Yes | Yes | |
| Storage, SAN | Yes | Yes | Yes | Yes | |
| Storage Frame Rate | 1-30 FPS | 1-30 FPS | 1-30 FPS | 1-30 FPS | |
| Storage, Max per Cam (GB) | Unlimited | Unlimited | Unlimited | Unlimited | |
| Support, Custom | Yes | Yes | Yes | Yes | Call for quotation |
| Systems Supported | Windows | Windows | Windows | Windows | See Supported OS spec sheet |
| Systems Affinity Support | Yes | Yes | Yes | Yes | For multiple processor systems |
| System, Hyper Threading | Yes | Yes | Yes | Yes | See Affinity |
| System, W2K Pro | Yes | Yes | Yes | Yes | |
| System, W2K Server | Yes | Yes | Yes | Yes | |
| System, XP Pro | Yes | Yes | Yes | Yes | |
| System, 98, ME, XP Home | Yes | Yes | Yes | Yes | Viewing Only |
| System, Distributed Processing | Yes | Yes | Yes | Yes | |
| System, RAID Support | Yes | Yes | Yes | Yes | v2.5 provides detailed RAID support |
| System, Multiple Systems | Yes | Yes | Yes | Yes | Run on one or many systems |
| System, Disk Writing Status | Yes | Yes | Yes | Yes | |
| System, Disk Quota | Yes | Yes | Yes | Yes | See Camera Disk Quota |
| System, Rackable | Yes | Yes | Yes | Yes | |
| Tablet Support | Yes | Yes | Yes | Yes | Windows OS supported for viewing |
| Viewing & Recording MAX FPS | 30/30 | 30/30 | 30/30 | 30/30 | |

| | FPS | FPS | FPS | FPS | |
|--------------------------------------|-----|-----|-----|-----|--|
| Viewing Instant Playback | Yes | Yes | Yes | Yes | See vConsole Module |
| Viewing, Remote | Yes | Yes | Yes | Yes | See vWebMon |
| Viewing, Full Screen | Yes | Yes | Yes | Yes | See vConsole |
| Viewing, multiple views | Yes | Yes | Yes | Yes | Multiple vConsole views for attended security |
| Viewing Multiple Monitors | Yes | Yes | Yes | Yes | Requires multiple display adapters or multi connector adapters |
| Viewing Matrix | Yes | Yes | Yes | Yes | See DynaView option |
| Viewing Rotating Images | Yes | Yes | Yes | Yes | See vConsole |
| Viewing LCD Support | Yes | Yes | Yes | Yes | |
| Viewing, drag and drop | Yes | Yes | Yes | Yes | Intuitive drag-and-drop live viewing configuration screens |
| Viewing Lost Video Indicator | Yes | Yes | Yes | Yes | |
| Viewing, Simultaneous Record | Yes | Yes | Yes | Yes | |
| Viewing Popup On Event | Yes | Yes | Yes | Yes | See vConsole |
| Viewing, Manual Record | Yes | Yes | Yes | Yes | See vConsole |
| Viewing, Windows | Yes | Yes | Yes | Yes | Custom predefined multi-view windows |
| Video Servers Supported | Yes | Yes | Yes | Yes | See Camera Guide |
| Web/WAN Server | Yes | Yes | Yes | Yes | See vWeb Server |
| Web Server Viewing | Yes | Yes | Yes | Yes | Client Application, see vWebMon |
| Web/WAN Viewing | Yes | Yes | Yes | Yes | See vWebMon |
| Windows Services | No | Yes | Yes | Yes | OEM Options |
| 3 rd Party Integration | Yes | Yes | Yes | Yes | Call for complete specs |
| 3 rd Party Customizations | Yes | Yes | Yes | Yes | Call for quotation |
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