

«Intellect»

Version 4.8.3 – RELEASE NOTES

NEW FEATURES, IMPROVEMENTS AND FIXES

- IP Drivers Pack v.3.2.12 is included
- The support for external video storage for IP devices is added
- The support for the Stretch H.264 codec (SVC profile) is added
- RTSP server (viewing live and archived video, multicast) functionality is implemented
- A new module - Fisheye-monitor - is added; ImmerVision, Sentry 360 and Vivotek's dewarping libraries are integrated
- New versions of the capture cards are supported:
TUAN FX HD4;
TUAN WS-216
<http://www.itv.ru/products/intellect/boards/videoplat/boards.html>
http://www.itv.ru/products/intellect/boards/videoplat/boards_hw.html
- SC I/O Low profile support is added for FX4, FX8, FX16 cards
- A new "Failover" module is added (for Failover-server operation in automatic mode)
- "Audioanalytic" library of audio stream analysis is integrated. Support for audio detectors (shattered glass detection and car alarm sound detection) is added
- The capability to delete the video archive from the monitor interface is added (protected by user rights)
- The capability to copy using the archiver for synchronous audio archive
- The file subsystem of video archive storage is redesigned and optimized
- The format of DDI files is changed to XML
- New module for viewing and converting the video archive (without sound support and converting into AVI yet)
- A new version of the MotionWavelet codec is implemented (optimized for high resolution)
- Remote controls for Bosch KBD-Digital and Axis T8310 are integrated
- A new version of the Webserver (v.2.0.) module (to support a map object and macros on the side of the client application for iPhone/iPad) is implemented.
- The event filter for scripts in Jscript is added
- Discretion of access to a general and long-term archive using the user rights is implemented
- The settings of the Tracker object are extended
- Indication of the "Search process with INTELLECT™" is implemented
- The support for network drives as archive drives is added
- The support for installation in the Service mode is added for Windows 7, Windows 2008 Server and Windows Vista
- The decompressor for Mobotix cameras is redesigned to support high-definition cameras.
- The selection of camera compressors is implemented.

- The mechanism of connecting the clients to the videogate is optimized (gate load is reduced)
- The capability to specify additional information about the camera is added
- The mechanism of checking the Guardant dongle is improved
- The capability to speed up export from the monitor interface is added
- The capability to specify the names of the presets for the telemetry control window is added
- The default value of the loop recording parameter is changed (up to 1000 MB)
- The capability to specify the disk for video archive indexing in the index.exe utility is added
- Event processing by the core is optimized
- The joysticks operation in the monitor without software reboot is supported
- The capability to adapt the monitor to work with non-standard resolutions of the monitor, for instance with the portrait orientation.
- The speed of installation is increased
- The mechanism of data collection for HID protection is redesigned
- The speed of the monitor operation is increased
- IP driver operation is optimized
- The localization into a number of European and Asian languages is performed
- A lot of minor bugs are fixed and the product stability is improved
- The documentation is updated

List of OS supported by «Intellect 4.8.3»:

Windows version	Supported edition	Note
Windows XP x86 SP3/x64 SP2	Windows XP Home Edition	Restrictions, posed by OS edition (1 physical processor, 5 SMB connections) – see. http://www.microsoft.com
	Windows XP Professional	-
	Windows XP Tablet PC Edition	-
	Windows XP Media Center Edition	-
Windows Server 2003 R2 x86/x64 SP2	Standard Edition	-
	Enterprise Edition	-
	Datacenter Edition	-
	Web Edition (no edition for x64)	Restrictions, posed by OS edition (2 Gb RAM, 2 physical processors) – see. http://www.microsoft.com
Windows Vista x86/x64 SP2	Home Basic	Restrictions, posed by OS edition (1 physical processor, 5 SMB connections) – see. http://www.microsoft.com
	Home Premium	Restrictions, posed by OS edition (1 physical processor, 5 SMB connections) – see. http://www.microsoft.com
	Business	-
	Enterprise	-
	Ultimate	-
Windows Server 2008 x86/x64 SP2 Windows Server 2008 R2 x86/x64 SP1	Enterprise	Full Installation type is supported. Server Core Installation type is not supported.
	Datacenter	
	Standard	
	Web	
	HPC	
Windows 7 x86/x64 SP1	Starter (no edition for x64)	Restrictions, posed by OS edition (2 Gb RAM, 1 physical processor, 1 monitor) – see. http://www.microsoft.com
	Home Basic	Restrictions, posed by OS edition (1 physical processor) – see. http://www.microsoft.com
	Home Premium	Restrictions, posed by OS edition (1 physical processor) – see. http://www.microsoft.com
	Professional	-
	Enterprise	-
	Ultimate	-