



Equipment/Hardware integrated into the Intellect platform

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Intellect allows connection of various devices and 3d party software solutions. In some cases, additional vertical solutions (*POS Intellect, ACFA Intellect*) are to be installed for such a connection.

Below are the link to the integrated devices lists in base Intellect and vertical solutions.

1 Base Intellect

IP devices, video capture cards and PTZ devices integrated via Drivers Pack

Video Capture Cards and Sensor-Relay cards integrated with Intellect

PTZ Solutions

2 ACFA Intellect

ACFA Intellect List of Integrated Equipment

3 POS Intellect

Equipment/Hardware integrated into the POS-Intellect software

4 PTZ Solutions

All of your existing pan, tilt and zoom (PTZ) cameras integrate seamlessly with Axxon Intellect Enterprise. Users can control cameras via dialog window, mouse or joystick, configure preset camera routes, and program specific camera positioning and focus in response to predetermined security events.

4.1 Telemetry control boards

| Vendor | Model | Connection interface | Connection protocol | Documentation |
|-----------|---|----------------------|---------------------|--|
| Axis | Axis T8310 | USB | Axis | Features of Axis T8310 control panel configuration and operation |
| Bosch | BOSCH KBD-Digital / Bosch KBD-Universal | RS-485 | Bosch-IntuiKey | Features of BOSCH KBD-Digital or BOSCH KBD-Universal control panel configuration and operation |
| Lilin | Lilin PIH-800III | RS-485 | Lilin PIH-7000/7600 | Features of Lilin PIH-800III control panel configuration and operation |
| Panasonic | Panasonic WV-CU950 | RS-485 | Panasonic PS-Data | Features of Panasonic WV-CU950 control panel configuration and operation |
| Samsung | Samsung SSC-2000/SPC-2000 | RS-485 | Samsung | Features of Samsung SSC-2000 control panel configuration and operation |
| Samsung | Samsung SPC-7000 | USB | - | Features of Samsung SPC-7000 control panel configuration |
| Everfocus | Everfocus EKB200 | USB | - | Features of EverFocus EKB200 control panel configuration |
| VIDEOTEC | VIDEOTEC DCZ | USB | - | Features of using VIDEOTEC DCZ keyboard |

4.2 PTZ devices

| Manufacturer | Model | Connection interface | Connection protocol |
|-------------------------------------|---|----------------------|---------------------|
| IP-devices by various manufacturers | IP-devices integrated via proprietary protocol in Driver Pack (see Drivers Pack Documentation for the full list)) | Ethernet | IP camera |
| IP-devices by various manufacturers | IP-devices supporting ONVIF (see the official website or the official documentation of the respective manufacturer for information on the protocol support) | Ethernet | IP camera |
| IP-devices by various manufacturers | IP-devices supporting Pelco-D protocol | RS-485 | Pelco-D |
| IP-devices by various manufacturers | IP-devices supporting Pelco-P protocol | RS-485 | Pelco-P |
| American Dynamics | AD2150 | RS-232 | AD2150 |
| C&B Technology | CBC CMD08 | RS-232 | CNB |
| | CNB-AP200 | RS-232 | |
| | CNB-AP200L | RS-232 | |
| | CNB-AP202 | RS-232 | |

| Manufacturer | Model | Connection interface | Connection protocol |
|--------------|---|----------------------|---------------------------------|
| | CNB-AP800 | RS-232 | |
| | CNB-AP802 | RS-232 | |
| Dongyang | TEV-PTZ340/440 | RS-232 | DONGYANG |
| Dynacolor | D7720 | RS-232 | Dynacolor |
| EverFocus | Vprotect VPTZ1000 | RS-485 | Pelco-D |
| | EverFocus EPTZ1000/500 | RS-485 | EverFocus EVT1 |
| Fastrax | IP-devices supporting Fastrax II protocol | RS-485 | - |
| ITS-GmbH | IP-devices supporting ITS-GmbH protocol | RS-485, RS-232 | ITS-GMBH |
| Ganz | ZC-NAF27 | RS-422, RS-485 | ZC-NAF27 |
| | ZC-S123P | RS-485 | GANZ ZC-S |
| | ZC-S122P | RS-485 | GANZ ZC-S |
| JVC | TK-675E | RS-422, RS-485 | JVC |
| | TK-C676 | RS-485 | |
| Kalatel | KTD-312 | RS-232 | Kalatel KTD-312 |
| Kocom | KCC-PT400 | RS-485 | KOCOM KCC-ODPTZ220/DPZ220/PT400 |
| | KCC-ODPTZ220 | RS-485 | |
| | KCC-DPZ220 | RS-485 | |
| Lilin | PIH 7000/7600 | RS-485 | Lilin PIH-7000/7600 |
| LTC | 8561/50 | RS-232 | LTC 856x |
| | 8566/50 | RS-232 | |
| | 8564/20 | RS-232 | |
| Mintron | MTV-04G5HC | RS-232 | MINTRON |
| | MTV-64G5DHP | RS-232, RS-485 | |
| Nevis | YHN | RS-485 | Nevis |
| Panasonic | WV-CSR600 | RS-232 | Panasonic-600 |
| | CS854 | RS-485 | Panasonic-850 |
| | WV-CW860 | RS-485 | |
| | CS850 | RS-485 | |
| | WJ-FS616 | RS-485 | Panasonic(m) |
| Pelco | Spectra II | RS-422, RS-485 | Pelco-D, Pelco-P |
| | Spectra III | RS-422, RS-485 | |

| Manufacturer | Model | Connection interface | Connection protocol |
|----------------------------------|--|------------------------------|-------------------------|
| Samsung | SCC-641 | RS-485 | Samsung |
| | SCC-421p | RS-485 | |
| | SCC-643(AP) | RS-485(semi-duplex) / RS-422 | |
| | SSC-1000 | RS-485 | |
| | SPD-1600 | RS-232, RS-422, RS-485 | Samsung SPD-1600 |
| | SPC-1010 | RS-485/422 | Pelco-D, Pelco-P |
| Sanyo | VSP-9000 | RS-485 | Pelco-D-Sanyo |
| | VCC-ZM300PA | RS-485 | SANYO SSP |
| Sensormatic | Ultra Dome IV | RS-422 | Sensormatic |
| | SpeedDome Optima | RS-422 | |
| Sony | EVI-D70 | RS-232C, RS-422 | SONY(VISCA) |
| | EVI-D70P | RS-232C, RS-422 | |
| SunKwang | SK-2172X | RS-485 | Sunkwang |
| TRC | TC-404 | RS-485 | TC404 |
| VCL | Microsphere Orbiter | RS-232 | VCL Microsphere Orbiter |
| Videotec | DTRMX | RS-232, RS-485 | Videotec |
| | DTRMX1 | RS-485 ->RS-232 | |
| Vortex | 5" Dome | RS-485 | Vortex |
| Yaan | YA-5112H | RS-485 | YAAN |
| Yoko | IP-devices supporting Yoko protocol | RS-485 | YOKO |
| Oko | IP-devices supporting Oko protocol | RS-485 and RS-232 | OKO |
| Special solutions and systems | TKU3 | RS-485 | TKU3 |
| Devices by various manufacturers | IP-devices supporting TED protocol | RS-485, RS-232 | TED |
| Bosch-Autodome | Bosch-Autodome (IP camera) | Ethernet | Bosch-Autodome |
| Tedd Electronics | TCD-8112 (Pelco D) | RS-485 | TCD-8112 |
| Devices by various manufacturers | IP-devices supporting TED (Fastrax II (HID-2404)) protocol | RS-485 | Pelco-D |

5 Video Capture Cards and Sensor-Relay cards

5.1 Video Capture Cards

Digital video surveillance systems based on INTELLECT™ software allow to use the following video capture cards:

| Model | Pins/instructions |
|-------------------------------|---|
| FS-5 | FS-5 video capture card pins |
| FS-6 | FS-6 video capture card pins |
| FS-16 | FS-16(Exp) video capture card pins |
| FS-8 | FS-8 video capture card pins |
| SC200Q4 (FS15) | SC200Q4 (FS15) video capture card pins |
| SC200Q4 Low profile (FS115) | SC200Q4 Low profile (FS115) video capture card pins |
| SC230N4 | SC230N4 video capture card pins |
| SC300Q16 (FX4) | SC300Q16 (FX4) video capture card pins |
| SC300D16 (FX8) | SC300D16 (FX8) video capture card pins |
| SC310N16 (FX16) | SC310N16 (FX16) video capture card pins |
| SL16-200 (FX116) | SL16-200 (FX116) video capture card pins |
| FX416 | FX416 video capture card pins |
| MS416 | MS416 video capture card pins |
| SC510N4 (FX HD4) | SC510N4 (FX HD4) video capture card pins |
| MS416 | MS416 video capture card pins |
| WS-7 | WS-7 video capture card pins |
| SC390N16 (WS16) | SC390N16 (WS-16) video capture card pins |
| WS-17 | WS-17 video capture card pins |
| SC3B0N16 (WS216) | SC3B0N16 (WS216) video capture card pins |
| SC590N4 | SC590N4 video capture card pins |
| SC330Q16 | SC330Q16 video capture card pins |
| SC330D16 | SC330D16 video capture card pins |
| YUAN SC3C0N8-L | SC3C0N8-L video capture card pins |
| YUAN PD652 | Configuring YUAN PD652 video capture card |
| HikVision Video Capture Cards | Configuring HikVision video capture card |

Technical features of these video capture cards are given in the [Technical specifications of video capture cards](#) section of the [Installing and configuring security system components guide](#)

5.2 Sensor-Relay Cards

| Sensor-Relay card | Electrical and technical specifications | Connection instructions | Configuration instructions |
|--------------------------------------|---|--|--|
| 4/4 Sensor-Relay card | Electrical and technical specifications of Sensor-Relay cards | Connecting 4/4 and 16/4 Sensor-Relay cards | How to configure relay connection How to configure sensor connection using 4/4 Sensor-Relay card |
| 16/4 Sensor-Relay card | Electrical and technical specifications of Sensor-Relay cards | Connecting 4/4 and 16/4 Sensor-Relay cards | How to configure relay connection How to configure sensor connection using 16/4 Sensor-Relay card |
| 4/4 Sensor-Relay (low profile) card | Electrical and technical specifications of 4/4 Sensor-Relay (low profile) cards | Connecting 4/4 Sensor-Relay (low profile) cards | Configuring Sensor-Relay expansion cards (low profile) |
| MO USBIO 4x4 card | Electrical and technical specifications of MO USBIO 4x4 devices | Connecting MO USBIO 4x4 cards | Configuring MO USBIO 4x4 devices |
| SL USBIO (4x4, 16x8 and 24x4) card | Electrical and technical specifications of SL USBIO (4x4, 16x8 and 24x4) card | Connecting SL USBIO cards (4x4, 16x8 and 24x4) | Configuring SL USBIO cards |
| AGRG-IO-16/8-WD-DS sensor-relay card | Electrical and technical specifications of AGRG-IO-16/8-WD-DS devices | Connecting AGRG-IO-16/8-WD-DS Sensor-Relay cards | Configuring AGRG-IO-16/8-WD-DS Sensor-Relay cards |