



Equipment/Hardware integrated into the Axxon PSIM platform

PSIM 1.0 (english)

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

Below are the link to the integrated devices lists in base *Axxon PSIM* and vertical solutions.

1 Base Axxon PSIM

[IP devices, video capture cards and PTZ devices integrated via Drivers Pack](#)

[Video Capture Cards and Sensor-Relay cards integrated with Axxon PSIM](#)

[PTZ Solutions](#)

2 ACFA PSIM

ACFA PSIM List of Integrated Equipment

3 POS PSIM

Equipment/Hardware integrated into the POS PSIM software

4 PTZ Solutions

All of your existing pan, tilt and zoom (PTZ) cameras integrate seamlessly with *Axxon PSIM 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 Documentation Drivers Pack 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	CBC SMD08
	CNB-AP200	RS-232	CNB
	CNB-AP200L	RS-232	
	CNB-AP202	RS-232	
	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

Manufacturer	Model	Connection interface	Connection protocol
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	

Manufacturer	Model	Connection interface	Connection protocol
	WJ-FS616	RS-485	Panasonic(m)
Pelco	Spectra II	RS-422, RS-485	Pelco-D, Pelco-P
	Spectra III	RS-422, RS-485	
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

Manufacturer	Model	Connection interface	Connection protocol
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 *Axxon PSIM* 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

Model	Pins/instructions
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

Sensor-Relay card	Electrical and technical specifications	Connection instructions	Configuration instructions
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