

BCS-L-NVR1602-A-8K-Ai2

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- 16-channel IP recorder
- AcuPick technology
- Supports 2 hard drives
- Supports 32Mpx IP cameras
- 4/2 alarm channels, 1/1 audio channels
- HDMI 8K/VGA output
- Built-in smart features



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Product Details

Product	BCS-L-NVR1602-A-8K-Ai2
Product line	BCS LINE
System	IP
Pentaplex function	Live view / recording / playback / archiving / remote access
Channels	16
HDD support	2
HDD capacity	20 TB
Record mode	Continuous, manual, alarm, motion detection, schedule, Ai
Max recording resolution	32 Mpx
Incoming bandwidth	448Mbps(200Mbps Ai)
Outgoing bandwidth	448Mbps(200Mbps Ai)
Recording bandwidth	448Mbps(200Mbps Ai)
Display efficiency	2×32M@25fps / 2×24M@25fps / 5×16M@30fps / 6×12M@30fps / 10×8M@30fps / 13×6M@30fps / 16×5M@30fps Ai: 1×32M@25fps / 2×24M@25fps / 4×16M@30fps / 5×12M@30fps / 8×8M@30fps / 10×6M@30fps / 12×5M@30fps / 16×4M@30fps
Recording resolutions	32M / 24M / 16M / 12M / 8M / 6M / 5M / 4M / 3M / 2M / 1.3M / 720P / D1 / CIF / QCIF
Video compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG
HDMI out	HDMI8K
VGA out	VGA
HDMI display resolutions	7680×4320 / 3840×2160 / 1920×1080 / 1280×1024 / 1280×720
VGA display resolutions	1920×1080 / 1280×1024 / 1280×720
Display split	Main screen: 1/4/8/9/16 Second screen: 1/4/8/9/16
Recording	continuous recording, with motion detection (with recording before and after detection), alarm (with pre-and post-alarm recording), cyclic (overwriting), Ai
Synchronous playback	1/4/9/16
Archiving	Possibility to download material to external media such as USB FLASH, USB HDD
User connections	128
Interfaces	1×USB2.0, 1×USB3.0
Serial port	RS232, RS485
Audio in	1
Audio out	1
Audio compression	G.711A / G.711U / G.726 / PCM
Alarm in	4
Alarm out	2
Alarm	Motion detection, signal lost,, sabotage, scene change, PIR, IPC, Ai functions, offline, HDD, IP, MAC, login
Support	Local, Web Service, CMS BCS Manager (Windows/Linux/MAC), Mobile App(iOS, android)
Network	RJ-45 10/100/1000Mbps
Compatibility	ONVIF(S/G/T/M), support for cameras from other manufacturers
PTZ control	Intelligent 3D positioning with PTZ cameras BCS LINE series.
Protocols	HTTP, HTTPS, TCP/IP, IPv4, IPv6, UDP, NTP, FTP, SFTP, DHCP, DNS, SMTP, UPnP, DDNS, SNMP, Alarm Server, IP Search, Multicast, P2P, Auto Registration, iSCSI
Power supply	12V DC
Power consumption (without HDD)	max 10W
Working environment	-10°C~+55°C max 93% RH

Casing	1U
Dimensions mm (W×D×H)	375×285×56
Box dimensions in mm (W×D×H)	427×137×356
Weight (without HDD)	1.55 kg
POS	Posnet
Ai - Intelligent functions from recorder	Face detection, face identification, perimeter protection (person/vehicle recognition), metadata, SMD Plus
Ai - Intelligent functions from camera	Face detection, face recognition, metadata (human/vehicle classification), SMD Plus, people gathering, people counting, ARTR, vehicle density, object monitoring, heat map
Ai - Perimeter protection	8 channels from the recorder, 10 rules per channel / 16 channels from cameras
Ai - Face detection	4 channels from the recorder (12 images/s) / 16 channels from cameras / facial attributes (gender, age, glasses, facial expression, mask, facial hair)
Ai - Face recognition	16 detection channels from IPC + identification from NVR (24 images/s) / 4 detection channels from NVR + identification from NVR (24 images/s) / 16 channels of identification from IPC / up to 20 face databases, 30 thousand images, up to 3.75GB
Ai - Metadata	4 ch from NVR / 16 ch from IPC / Person attributes (clothes color, type of clothes, headgear, bag, age, gender, umbrella) / motor vehicle attributes (license plate, plate color, vehicle type, logo, telephone, number of people, seat belts)
Ai - ARTR	16 camera channels / black and white list of 20,000 items
Ai - SMD - Smart Motion Detection	16 channels from the recorder / 16 channels from cameras
Ai - Smart search	AcuPick technology - intelligent search for human/vehicle objects in the recording history with camera with the AcuPick function
Accessories included	Rack mounts, mouse, IEC C13 power cable, RJ45 cable, hard drive power cable, SATA hard drive cable