

DIGIEYE 3A DIGITAL VIDEO RECORDERS

DIGIEYE 3A DVR

DIGIEYE	PRODUCT		DIGIEYE 3A DIGITAL VIDEO RECORDERS	
	MODEL		SY-3A-DVR-8(-R1)	SY-3A-DVR-16(-R1)
			DVR FANLESS 8 VIDEO INPUTS	DVR FANLESS 16 VIDEO INPUTS
VIDEO	Video inputs	Total (BNC+IP)	8	16
		Composite video (PAL/NTSC, BNC)	8	16
		IP video (Onvif)	---	---
		IP video max.resolution	---	---
	Video outputs	Monitor / Resolution min-max.	2 (1 VGA + 1 HDMI) / 1024x768 - 1920x1080	
		Composite video matrix (BNC)	4	
Composite multi-split (BNC) (1)		1 (optional cod. SY-DGI-CVBS-OUT)		
AUDIO	Audio inputs	Analog audio (mono)	1	
		IP audio (from camera) (2)	---	---
	Audio outputs	Analog audio (mono)	1	
RECORDING	Video resolutions	Composite video PAL	704x576(4CIF), 704x288(2CIF), 352x288(CIF)	
		Composite video NTSC	704x480(4CIF), 704x240(2CIF), 352x240(CIF)	
		IP video	---	---
	Frame rate	Composite video (PAL/NTSC)	200/240 IPS @ 4CIF	400/480 IPS @ 4CIF
	IP Bitrate	Max.total input bitrate	---	---
		Max.bitrate per channel	---	---
	Video compression	Composite video	Delta®	
		IP video	---	---
	Audio compression	Analog audio	G.723.1 (bitrate 6.3 Kbit/s)	
		IP audio (2)	---	---
	Storage	Type of hard-disks	Professional server grade video hard-disks for 24/7 operation	
		Internal fixed storage (max.)	2 SATA HDD 3.5"	
Removable hot-swap RAID storage (optional)		R1 model : 2 SATA HDD 3.5" RAID1 with removable 2-bay hot-swap		
External RAID storage (optional)		DGI-RAIDSTORE Professional / Enterprise		
ALARMS	Video events	Video signal loss / Tamper	Video signal loss / too-bright / too-dark / out of place / out of focus	
		IP Camera motion detection (edge alarm)	---	---
	Video analytics	Digieye multi-zone motion detection	Motion detection areas: 88x64x6 (IP video - CVBS PAL) / 88x60x6 (CVBS NTSC) per camera/preset	
		VCA Business intelligence (Counting, Heatmap - cod. SY-DGI-BI-xxx) and/or VCA Security intelligence (Line crossing, Sterile zone, Loitering, Lost/abandoned object - cod. SY-DGI-SI-xxx)	up to 4 video inputs	
	Integrated I / O	Alarm inputs (opto coupled, dry contact)	10	18
		Alarm outputs (relay)	10	18
	External I / O (IP network)	IP Camera alarm inputs	---	---
Additional network I / O (optional)		24	24	

PLEASE NOTE:

- (1) When the SY-DGI-CVBS-OUT is in use, the VGA monitor output must be disconnected.
- (2) Feature under development, coming soon.

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NETWORK	Network interface		2 x Gigabit Ethernet 10/100/1000 Base-T/Base-TX (self-adaptive)	
	Network camera compatibility	Communication protocol	---	---
		Video/audio IP streaming	---	---
		Supported IP camera functions	---	---
	Network bitrate max. (input+output)		100 Mbit/sec	
	Network connectivity	Integrated Web server for connections from PC/MS Windows™ Web browser (Internet Explorer)	Yes	Yes
		DCC Lite centralization software with functions : remote configuration of systems, alarm/video management.	Yes	Yes
		Mobile viewer app for iOS(iPhone/iPad) & Android	Yes	Yes
Network security	IEEE 802.1x port authentication support	Yes	Yes	
Network services		SNTP, DynDNS, HTTP, DHCP, DNS, PPP, SMB, NFS, FTP, SMTP, RADIUS		
SYSTEM	Hardware	Features	▪ Embedded Dual-core CPU ▪ 2GB Ram	
		Watchdog	Yes	
	Software	Operating system	Linux 64-bit	
		Software stored on flash storage	Yes	
	Video decode/display performance	Composite video : all functions	16 ch. @ 4CIF/25 fps	
		IP video	---	---
	Connectors	Standard PC	▪ 1 x HDMI ▪ 1 x VGA(DB15F) ▪ 2 x RJ45 GigE ▪ 3 x 3.5" audio jack sockets (mic/line/out) ▪ 2 x USB3.0 ▪ 4 x USB2.0 (2 front, 2 rear)	
		I / O	▪ 2 x DB37F (Inputs/Outputs)	
		Serials	▪ 1 x Terminal-block 6-pin (RS485/232)	
		External storage (optional)	1 x SFF-8088(SAS, option)	
		Video	▪ 16 x BNC video input ▪ 4 x BNC video outputs ▪ 1 x BNC video-split output (optional) - all BNC 1Vp-p/75 Ω, PAL/NTSC	
		Power	▪ Terminal-block (2-pin)	
Diagnostics		▪ 4 status leds (PWR, HDD, ALM1, ALM2) ▪ Buzzer ▪ HDD Smart monitoring		
Languages		AR, CN, CZ, NL, EN, FA, FR, DE, HU, IT, LV, LT, PT, RO, RU, SL, SI, ES, UA, TR		
GENERAL INFORMATION	Mechanical	Dimensions (WxDxH)	432 x 355 x 88,9 mm (17.0 x 13.97 x 3.5 in)	
		Weight (w/o HDD)	7,0 kg (15 lb)	
		Rack-mount	Optional kit (19" 2U)	
	Environmental	Thermal management	FANLESS design (passive heat-pipe system) Optional: 1 x cooling vent (cod. SY-3A-FAN)	
		Operating temperature	5-45 °C / 41-113° F	
		Maximum relative humidity	10-90% n.c.	
	Power	Input	DC 9-30V	
Included power supply unit		AC/DC 12V 8.5A (external)		