



High Performances Cameras

edition

02

This range includes solutions for security installers who wants to offer professional products and make high end systems. These cameras models satisfy the highest technical requests and rigid quality standard to be compatible with most of the advanced systems.

ACIFARFISA



High Performances Cameras



SYSTEM CONTROLLER KEYBOARD

With these control keyboard it is possible to control all function and features of Cyber Scan Speed Dome cameras, DVR (GXVR and GQVR series) and Matrix. The dynamic use of each function is made easier by the convenient joysticks, Jog/shuttle control, push buttons and wide LCD (textual or graphical) displays. Master and Slave capability allows also making different and independent control systems. Beside different devices control ways, the GSC-4000J model in particular, is featured by a most careful design and a wide LCD to display a control video signal.

	GSC-2000J	GSC-3000J	GSC-4000J
Cameras/DVR/Matrix control	999/255/120	999/255/120	999/255/120
Protocols	Cyber Scan(I/II) / P-D / P-P	Cyber Scan(I/II) / P-D / P-P	Cyber Scan (I/II) / P-D / P-P
Communication	RS-485 / RS-422	RS-485 / RS-422	RS-485/422
Ports	RJ-45x2(Master/Slave), RS-232x1	RJ-45x2(Master/Slave), RS-232x1	RJ-45x2 (Master, Slave), RS232x1
Functions	Zoom, Focus, Iris, DVR, PTZ, Monitor, Slave	Zoom, Focus, Iris, DVR (Jog/Shuttle), PTZ, Monitor, Slave	Zoom, Focus, Iris, DVR (Jog/Shuttle), PTZ, Monitor, Slave
Connection	RJ-45x2 by junction box or DVR	RJ-45x2 by junction box or DVR	RJ-45x2, BNC by junction box or DVR
Display	LCD 2 lines	LCD 4 lines	5" TFT LCD
Operating temperature	0°-50°C	0°-50°C	0°-50°C
Power supply	12Vdc (power supply not included)	12Vdc (power supply not included)	12Vdc (power supply not included)
Power consumption	500mA	1A	1A
Dimensions in mm (wxhxd)	380x175x97	370x233x105	370x251x124



GSC-2000J



GSC-3000J



GSC-4000J

COMMAND DISTRIBUTOR

This command distributor allows to drive up to 32 cameras from each 8 RS-485 output by a single control keyboard, GSC-2000J, GSC-3000J or GSC-4000J. Its modular construction allows to make various wiring configurations to make easier systems with a big number of cameras (star connection). Each RS-485 output is equipped with 2 LED for device state (active or communication error).



GCD-800

GCD-800

8 RS-485 output
32 device for each output
8 green LED for active output
8 red LED for connection error
Bi-directional communication
Power supply (not included) : 9-12Vcc / 1A
Dimensions (wxhxd):191x122x45 mm

Causa la continua evoluzione tecnologica, le specifiche e l'estetica degli apparati possono essere soggetti a modifiche



High Performances Cameras

COLOUR STANDARD 12VDC

Full body aluminium case camera with 1/3" Sony ExView HQ1 CCD sensor to get the best image quality also in low illumination condition. Both can control autoiris DC or Video drive lenses, have Back Light Compensation (BLC), Automatic White Balance (AWB), anti flickering and DC IRIS level control. GEC-7812 has medium resolution sensor (380 TV lines) and it is the best solution to get the best quality/price ratio. While the GEC-8912 has highest resolution (540TVL) and it is essential in professional systems. Lens not included.



GEC-8912

	GEC-7812	GEC-8912
Sensor	CCD 1/3"Sony HQ1ExView	CCD 1/3"Sony HQ1ExView
Resolution	380 TV lines	540 TV lines
Effective pixel	500x582	752x582
Scanning system	PAL interlaced 2:1	PAL interlaced 2:1
Video output	75 Ω 1Vpp composite	75 Ω 1Vpp composite
S/N ratio	>48dB (AGC off)	>48dB (AGC off)
Gamma	0,45	0,45
Minimum illumination	0,03 lux (F1.2)	0,03 lux (F1.2)
Gain control (AGC)	On/off	On/off
Back light compensation (BLC)	On/off	On/off
White Balance (ATW)	On/off	On/off
Electronic Shutter	1/50 -1/100.000 sec	1/50 -1/100.000 sec
Operating temperature	-10°÷ 50°C	-10°÷ 50°C
Power supply	12Vdc	12Vdc
Power consumption	170mA / 2.04W	170mA / 2.04W
Synchronization	Internal	Internal
Lens mounting	C/CS	C/CS
Auto iris	DC / Video	DC / Video
Dimensions in mm (wxhxd)	65x54x133	65x54x133

DAY / NIGHT

Full body aluminium Day Et Night camera with 1/3" Sony ExView HQ1 CCD sensor to get exceptional sensitivity and highest image quality. It allows to take highest resolution pictures (up to 540 TVL), moreover, thanks to IR cut filter removable, it is the ideal solution for 24 hour surveillance systems also with IR lighting systems. It's provided with Back Light Compensation (BLC) system, Automatic White Balance (AWB), anti flickering and DC or Video autoiris lens drive capability. The dual power feature (12Vdc/24Vac) allows to fit all powering requests. Lens not included.



GDN-E8944

	GDN-E8944
Sensor	HAD CCD 1/3" Sony HQ1 ExView
Resolution	540 TV lines
Effective pixels	752x582
Scanning system	PAL interlaced 2:1
Video output	75 Ω 1Vpp composite
S/N ratio	>48dB (AGC off)
Gamma	0,45
Minimum illumination	0,5Lux (F1.2) Color, 0,03Lux (F1.2) B/W
Color - B/W shift	< 3 lux
Gain control (AGC)	On/off
Back Light Compensation (BLC)	On/off
Electronic shutter	1/50 -1/100.000 sec.
Operating temperature	-10°÷ 50°C
Power supply	12Vdc / 24Vac
Power consumption	12Vdc [600mA/7.2W] - 24Vac [260mA/6.2W]
Synchronization	Internal / LL
Lens mounting	C/CS
Auto iris	DC / Video
Dimensions in mm (wxhxd)	65x54x133

WDR

PIXIM CCD camera with Digital Pixel System (DPS) technology. This feature allows to adjust exposure speed of each pixel on 5 levels independently from other pixels and getting a wide dynamic range up to 120dB. This camera is suitable in high back light or high contrast conditions. The digital image control makes also possible some other functions such as: digital PTZ (with digital zoom up to 4x), Freeze, Mirror and Motion Detection, electronic Day&Night feature with Digital Slow Shutter (DSS) and OSD menu control.



GPX-F814DS

	GPX-F814DS
Sensor	Pixim 1/3"
Resolution	540 TV lines
Effective pixels	720x540
Scanning system	Progressive scan
Video output	75 Ω 1Vpp composite
TV system	PAL / NTSC
S/N ratio	>50dB (AGC off)
Gamma	0,25 + 1
Minimum illumination	0,6 lux at F1.2
Gain control (AGC)	0 ÷ 34dB
Backlight compensation (BLC)	Automatic / manual
Automatic White Balance (AWB)	1/50 - 1/100.000 sec.
Electronic shutter	-10 ÷ 50 °C
Operating temperature	12Vdc / 24Vac
Power supply	250mA / 2.6W
Power consumption	Internal / LL
Synchronization	C/CS
Lens mounting	DC / Video
Auto iris	DC/Video
Dimensions in mm (wxhxd)	65x54x133

FIXED DOME

Indoor using dome camera state of the art video technology: 1/3" Sony HQ1 Super HAD CCD sensor with 752x582 pixels, integrated varifocal auto iris 4-9 mm lens. It is equipped with an advanced video module that allows the complete control of every function by internal trimmers and dip-switches: BLC (Back Lighting Compensation), FLK (anti flickering), Gamma correction and MIRROR function. The installation easyness and the completeness of features make the GDC-8344VA dome ideal whenever a discreet video surveillance is required.



GDC-8344VA

GDC-8344VA	
Sensor	CCD 1/3" Sony HQ1 SuperHAD
Resolution	540 TV lines
Effective pixels	752x582
Scanning system	PAL interlaced 2:1
Video output	75 Ω 1Vpp composite
S/N ratio	>48dB (AGC off)
Gamma	0.45 / 1
Minimum illumination	0.5 lux
Gain control (AGC)	On/off
Backlight compensation (BLC)	On/off
MIRROR	On/off
Electronic shutter	1/50 -1/100.000 sec
Operatine temprature	-10°÷ 50°C
Power supply	12Vdc/24Vac
Power consumption	160mA / 1.92W
Synchronization	Internal
Lens	Varifocal autoiris 4-9 mm
Dimensions in mm (dxxh)	140x95

VANDALPROOF DOME

These Vandal Proof domes have been designed to be installed also in heavy conditions where a reasonable protection against external attacks is required. All of them are equipped with an integrated autoiris varifocal 4-9mm lens, Backlighting compensation (BLC), FLK (anti flickering), Gamma correction, and Mirror function to optimize the viewing conditions. The GV-S8344VA is featured with Sony SuperHAD CCD sensor of up to 540 TV lines, while the GV-E8344DN, highest resolution (540 TVL) as well, is a real Day&Night with mechanical IR cut filter removable and ICR setting to adjust the delay of colour to B/W shifting. The GV-E8344VAIR, equipped with 16 IR leds for night vision, complete the series.



GV-E8344DN



GV-E8344VAIR

	GV-S8344VA	GV-E8344DN	GV-E8344VAIR
Sensor	CCD 1/3" Sony Super HAD HQ1	CCD 1/3" Sony HAD HQ1 ExView	CCD 1/3" Sony HQ1 ExView
Resolution	540 TV lines	540 TV lines	540 TV lines
Effective pixels	752x582 pixel	752x582 pixels	752x582 pixels
Scanning system	PAL interlaced 2:1	PAL interlaced 2:1	PAL interlaced 2:1
Video output	75 Ω 1Vpp composite	75 Ω 1Vpp composite	75 Ω 1Vpp composite
S/N ratio	>48dB (AGC off)	>48dB (AGC off)	>48dB (AGC off)
Gamma	0.45 / 1	0.45 / 1	0.45 / 1
Minimum illumination	0.5Lux	0.05 Lux (F2.0) Color	0 lux (IR on)
Color - B/W shift	-	< 3 lux	< 3 lux
Gain control (AGC)	On/off	On/off	On/off
Backlight compensation (BLC)	On/off	On/off	On/off
Electronic shutter	1/50-1/100.000 sec.	1/50-1/100.000 sec.	1/50-100.000 sec.
Operating temperature	-10°÷50°C	-10°÷50°C	-10 ÷ 50 °C
Power supply (not included)	12Vdc / 24Vac	12Vdc / 24Vac	12Vdc/24Vca
Power consumption	12Vdc[300mA/3.6W]- 24Vac[120mA/2.88W]	12Vdc[300mA/3.6W]- 24Vac[120mA/2.88W]	12Vdc [500mA/6W]- 24Vac [220mA/5.3W]
Synchronization	Internal/LL	Internal/LL	Internal/LL
Lens	Varifocal autoiris 4-9 mm	Varifocal autoiris 4-9 mm	Varifocal autoiris 4-9mm
Protection degree	IP66	IP66	IP66
Dimensions in mm (dxxh)	149,2x112	149,2x112	140x120,3

NIGHT VISION

High performances Day & Night cameras that includes also the IR lighting system in the same item. They are equipped with 1/3" Sony ExView CCD sensor based on HQ1 technology to get the highest resolution (up to 540 TV lines) to guarantee the best answer to take pictures also in low light condition request. Both of them are also equipped with an integrated 4-9mm varifocal autoiris and IR corrected lens. Other features: Back Light Compensation (BLC), FLK (anti flickering), Gamma correction and MIRROR function. The GPC-E7344WS (IP66) has 42 IR, while the smaller GDN-E8342WS (IP68) is also equipped with IR cut filter removable with ICR control and 12 IR led to reach 0 lux minimum illumination.



GDN-E8342WS



GPC-E7344WS

	GDN-E8342WS	GPC-E7344WS
Sensor	CCD 1/3" Sony HQ1 ExView	CCD 1/3" Sony HQ1 ExView
Resolution	540 TV lines	540 TV lines
Effective pixels	752x582	752x582
Scanning system	PAL interlaced 2:1	PAL interlaced 2:1
Video output	75 Ω 1Vpp composite	75 Ω 1Vpp composite
S/N ratio	>48dB (AGC off)	>48dB (AGC off)
Gamma	0.45 / 1	0.45 / 1
Minimum illumination	0.03Lux(LED off), 0 Lux(LED on)	0 Lux
Color-B/W shifting	< 3 lux	< 3 lux
Gain control (AGC)	On/off	On/off
Back Light compensation (BLC)	On/off	On/off
Electronic shutter	1/50-1/100.000 sec.	1/50-1/100.000 sec.
Operating temperature	-10°÷50°C	-25°÷50°C
Power supply (not included)	12Vdc	12Vdc / 24Vac
Power consumption	12Vdc[300mA/3,6W]	12Vdc[800mA/9,6W]- 24Vac[550mA/13W]
Synchronization	Internal/LL	Internal/LL
Lens	Vari-Focal Auto IRIS 4-9 mm	Vari-Focal Auto IRIS 4-9 mm
IR	12 LED	42 LED
Protection degree	IP68	IP66
Dimensions in mm (dxxh)	122x60,5	210x74



HIGH PERFORMANCES CYBR SCAN SPEED DOME

These Speed Dome Day & Night cameras are characterized by high precision mechanical design and high quality video performances. The availability of Preset, Scan, Pattern and Tour functions and highest rotation speed make them ideal to control wide areas. The GCP-7425D model has the same features of GHSD-7425D, but it is equipped with ceiling mount outdoor housing (wall racket not included).



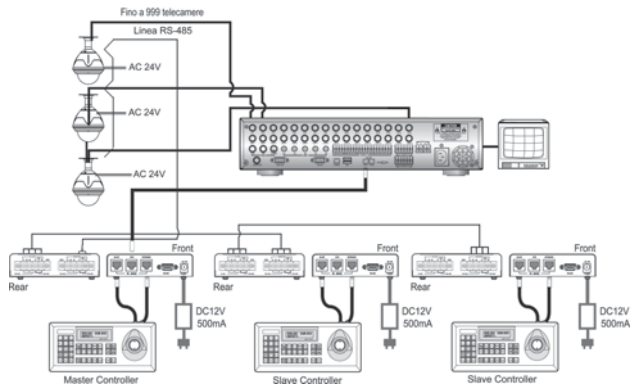
GHSD-7425D



GCP-7425D

	GHSD-7425D	GCP-7425D
Sensor	CCD 1/4" Sony Super HAD DEIN	CCD 1/4" Sony Super HAD DEIN
Resolution	460 TV lines	460 TV lines
Effective pixels	752x582	752x582
Scanning system	PAL interlaced 2:1	PAL interlaced 2:1
Video output	75 Ω 1Vpp composite	75 Ω 1Vpp composite
S/N ratio	>48dB (AGC off)	>48dB (AGC off)
Zoom	25 x optical – 10 x digital	25 x optical – 10 x digital
Minimum illumination	0,001 Lux	0,001 Lux
Tilt speed	0.1°-90°/sec	0.1°-90°/sec
Pan speed	0.1°-90°/sec (430°/sec turbo speed)	0.1°-90°/sec (430°/sec turbo speed)
Rotation angle	Horizontal 0-360° Vertical 0-90°	Horizontal 0-360° Vertical 0-90°
Preset / Scan / Pattern / Tour	319 / 8 / 4 / 8	319 / 8 / 4 / 8
Operating temperature	0°-50°C	-45°-60°C
Power supply	24Vca (adaptor not included)	24Vca (adaptor not included)
Power consumption	850mA / 20.4W	2A / 48W
Privacy masking zone	8	8
Alarms	8 in / 4 out	8 in / 4 out
OSD	Yes	Yes
Control line	RS-485/RS-422	RS-485/RS-422
Internal control	--	Fans and heater
Protection degree	--	IP66
Dimensions in mm (d x h)	137,3x205	273,8x60,5

Example of configuration



SPEED DOME ACCESSORIES

All these bracket are designed and manufactured to guarantee security, easy installation and to be durable. The functionality and aesthetics allow to satisfy also all architectural integration requests.

GMB-500F

Ceiling mount bracket compatible with GHSD-7425D Speed Dome camera. It allows perfect installation also in false ceiling structure.



GMB-510W

Dome and cap for indoor installation of GHSD-7425D (without heater and fans).



GMB-532W

Outdoor wall bracket for GCP-7425D. Maximum load: 34Kg.



GMB-540P

Pole mount adaptor for GMB-532W bracket.



GMB-540C

Corner mount adaptor for GMB-532W bracket. It allows to avoid blind corner in the camera's viewing field.





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