



Choice of colours suits most environments

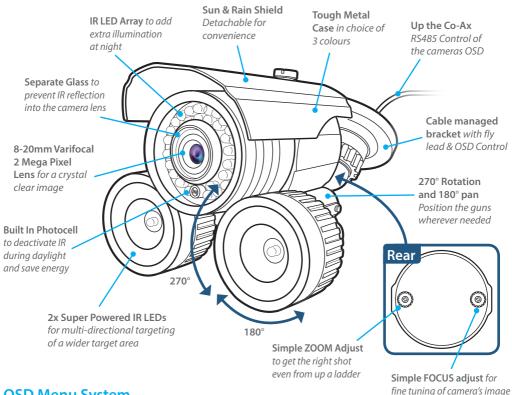
The GEM range of CCTV cameras represent great performance at great value. Anti-vandal IR camera with two additional high power "IR guns" helping the camera see up to an impressive 80m.

- External or Internal Use
- Cable Managed Bracket
- Wide Dynamic for Day-Night use
- 2 Directional IR Guns
- Tough Metal Case
- Up the CO-AX OSD control

& Digital Zoom, Privacy Masking, Motion Detect and more!



# CAM892U - Key Features & OSD Menu



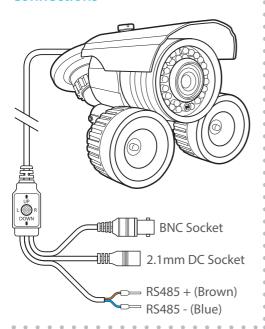
## **OSD Menu System**

MENU ITEM	SUB MENU		SUB MENU OPTIONS		
SCENE SELECT  (FULL AUTO /INDOOR / OUTDOOR / BACKLIGHT / ITS / CUSTOM)	SHUTTER AGC	AUTO / N	AANUAL / FIX		
		AUTO:	1. AE LEVEL: 01~250 2. AGC MAX: 6~44.8DB	3. SENS UP: OFF / AUTO	
		MANUAL	: 1. SHUTTER: 256FLD~1/10000DB	2. AGC MAX: 6~44.8DB	
		FIX:	1. SHUTTER: 256FLD~1/10000DB	2. AGC: 6~44.8DB	
	WHITE BAL	ATW / PUSH / USER1 / USER2 / MANUAL / PUSH LOCK (DEPENDANT ON SCENE)			
		ATW:	1. SPEED: 000~255 2. DELAY CNT: 001~255 3. ATW FRAME: 001~255	4. ENVIRONMENT: AUTO / INDOOR / SUNNY / SHADE	
		USER1:	1. B-GAIN: 0~255	2. R-GAIN: 0~255	
		USER2:	1. B-GAIN: 0~255	2. R-GAIN: 0~255	
		MANUAL	: 1. LEVEL: 00~63		
	HLC/BLC	OFF / HLC / BLC			
		HLC:	1. CLIP LEVEL: 000~255		
	WDR/ATR-EX	ON:	1. CONTRAST: LOW / MID / HIGH	2. CLEAR FACE: OFF / LOW / MID / HIGH	
	DNR		1. LEVEL: 0~6		
	DAY/NIGHT	AUTO / DAY / NIGHT			
		AUTO:	1. BURST: OFF/ON 2. CNTL SIGNAL: INT / EXT1 / EXT2 3. DELAY INT: 000~255	4. DAY→NIGHT: 000~255 5. NIGHT→DAY: 024~255	
		NIGHT:	1. BURST: OFF/ON		

MENU ITEM	SUB MENU	SUB MENU OPTIONS		
SCENE SELECT	IR OPTIMIZER OFF / ON			
		ON: 1. MODE: AUTO 5. COLOUR NIGHT: ON / OFF 2. IR AREA: 3. LEYEL: 0~12 4. IR LED: DAY/NIGHT / OFF / FIX  DAY/NIGHT: ON: COLOUR GAIN: LOW / MID / HIGH  ON: COLOUR GAIN: LOW / MID / HIGH 6. IR SHADE COMP: ON / OFF ON: PATTERN: SET1 / SET2 / SET3 POSH: 000~959 LEYEL MAX: 001~255  LEYEL MAX: 001~255 LEYEL MAX: 001~255 LEYEL MAX: 001~255 LEYEL MAX: 001~255 LEYEL MAX: 001~1 A LEYEL: OFF / LOW / MID / HIGH		
		FIX: LEVEL: 000~255		
	LENS SHD COMP	ON / OFF		
		ON: 1. PATTERN: SET1 / SET2 / SET3 3. POSV: 000~578 2. POSH: 000~959 4. LEVEL: OFF / LOW / MID / HIGH		
	DEFOG	ON / OFF (DEPENDANT ON SCENE) ON: 1. LEVEL: LOW / MID / HIGH		
	FLK LESS	AUTO / ON /OFF AUTO: 1. MODE: SHUTTER FIX / GAIN CNTL ON: 1. MODE: SHUTTER FIX / GAIN CNTL		
	ANTI CR	AUTO / ON / OFF		
PIC ADJUST		1. BRIGHTNESS: 000~255		
E-ZOOM		ON / OFF ON: 1. MAG: 000~255 3. TILT: 256 2. PAN: 512		
DIS		ON / OFF		
PRIVACY MASK		1. AREA SEL: 1~15 2. DISPLAY: ON / OFF / CYAN / MAGENTA / WHITE / BLACK 3. POSITION: EDIT POSITION & 5. TRANSP: 0.00~1.00 SHAPE OF MASK 6. MOSAIC: ON / OFF (SET TRANSP TO 0.00)		
MOTION DET		ON / OFF		
		ON: 1. DETECT SENSE: 000~127 AREA MODE: ON / OFF 2. INTERVAL: 000~127 TOP: 00~15 3. BLOCK DISP: ON / OFF 4. MASK AREA: SET EXCEPTION ZONE LEFT: 00~23 5. MOTION AREA: AREA SEL: 1~4 RIGHT: 00~23		
SYS SETTINGS	SYNC MODE	1. INT		
	LENS	MANUAL / AUTO  AUTO: 1. TYPE: DC / VIDEO 3. ADJUST: AUTO IRIS ADJUSTMENT 2. MODE: AUTO / OPEN / CLOSE 4. SPEED: 000~255		
	FLIP	1. OFF / V / H / HV		
	LCD/CRT	1. LCD / CRT		
	COMMUNICATION	1. PROTOCOL: PELCO-D		
	CAMERA ID	ON / OFF  1. ON: NAME CAMERA OR EDIT CAMERA NAME		
LANGUAGE		ENGLISH / SPANISH / RUSSIAN / PORTUGUESE / GERMAN / FRENCH / CHINESE / JAPANESE		
VERSION		FIRMWARE VERSION		
MAINTENANCE	IN PIX MASK (PIXEL MANAGEMENT)	MANUAL / AUTO / DATA CLEAR  MANUAL: 1. REGISTRATION: SET REGISTRATION FOR DEAD PIXELS 2. REG POINT: OFF / WHITE / BLACK 5. REG NUMBER: DISPLAYS REG NUMBER  AUTO: 1. LEVEL 1: 000-255		
		AUTO: 1. LEVEL 1: 000~255 3. AUTO: RUN / BACK 2. LEVEL 2: 000~255		
	CAMERA RESET	1. CAMERA RESET / BACK		
EXIT		SAVE / NOT SAVE / CANCEL / BACK		

## **CAM892U**

#### **Connections**



#### Other Products To Consider



#### **REM088 - UTC Controller**

In-line OSD controller allows you to configure the camera via the co-ax cable whilst next to the DVR.



### POW802 - 1.5A 12V DC Plug-in PSU

Fully regulated 12V DC PSU. Ideal for IR cameras. 2.1mm DC Plug.

## **Specification**

FUNCTION	SPECIFICATION
Image Sensor	1/3" SONY Super HAD II
Horizontal Resolution	720TVL
Effective Pixels	976(H) x 582(V)
Electronic Shutter Speed	Auto 1/50 ~1/100, 000Sec
Minimum Illumination	0.001Lux/F1.2 (0Lux IR On)
S/N Ratio	≥52dB
Video Output Level	1.0V p~p (75Ω, Composite)
Lens	8-20mm Varifocal
Focus	Manual
Lens Type	Manual
Pixels	2 Mega Pixel
IR LEDs	36 + 2 High Power IR Guns
IR Range	80m
OSD Menu Language	ENG, SPA, RUS, POR, GER, FRA, CHI, JAP

All specifications are approximate. System Q tid reserves the right to change any product specifications or features without notice. Whilst every effort is made to ensure that these instructions are complete and accurate, System Q tid cannot be held responsible in any way for any losses, no matter how they arise, from errors or omissions in these instructions, or the performance or non-performance of the equipment that these instructions refer to.

FUNCTION	SPECIFICATION
OSD Control	Up The Co-ax, RS485 & In-line Joystick
Sense-up	Auto
Wide Dynamic Range	Super Wide Dynamic Range
Backlight Compensation	BLC / HLC
White Balance	Auto / Manual
Gain Control	Auto / Manual
Noise Reduction	3D NR
Privacy Masking	15 Areas
Operating Temperature	-10°C ~ +50°
Supplied Voltage	12V DC ±10%
Current Consumption	1A
Dimensions	255 x 144 x 86mm
Weight	Approximately 1600g



This symbol on the products and/or accompanying documents means that used electronic equipment must not be mixed with general household waste. For treatment, recovery and recycling please return this unit to your trade supplier or local designated collection point as defined by your local council.