All lead-free products offered by the company comply with the requirements of the European law on the Restriction of Hazardous Substances (RoHS) directive, which means our manufacture processes and products are strictly "lead-free" and without the hazardous substances cited in the directive.

The crossed-out wheeled bin mark symbolizes that within the European Union the product must be collected separately at the product end-of-life. This applies to your product and any peripherals marked with this symbol. Do not dispose of these products as unsorted municipal waste.

This apparatus is manufactured to comply with the radio interference. A Declaration of Conformity in accordance with the following EU standards has been made. The manufacturer declares that the product supplied with this document is compliant the provisions of the EMC Directive 2004/108/ EC, the CE Marking Directive 93/68 EEC and all associated amendments.

XED28V12SDN700IR(W)

Installation and user guide

Please read this document before installing or powering the camera

Do not attempt to disassemble the camera; it does not contain any serviceable parts

Installation:

1. Disassemble the dome by unscrewing the locking ring.

2. Use the dome base plate as a template to mark the fixing hole locations.

3. Drill a hole in wall of a pass the cable through including the OSD menu joystick, 22mm.

4. Drill the fixing holes, and using suitable fixings for the wall construction, secure the dome base plate to the wall.

5. Pass the cable through the wall and connect the video and power cables.
Camera power 12Vdc +/- 10%
Polarity conscious, centre pin positive

6. Reassemble the dome, so that it is facing in the required direction

7. Use a small flat head screwdriver to adjust the zoom and focus pots located either side of the dome glass, to achieve the required image.

8. If necessary, adjust the camera settings using OS joystick control on the camera cable.

9. Press the central button to enter the menu set up page.

10. Navigate the menus and change settings using the Left / Right / Up and Down directions.

11. Always ensure that settings are saved before exiting the menus.

OSD Menu settings

LENS		MANUAL
	AUTO	TYPE: DC/ VIDEO
		MODE: CLOSE/AUTO/OPEN SPEED 0-225
SHUTTER AGC	AUTO	HIGH LUMINANCE MODE: SHUT+AUTO IRIS
		BRIGHTNESS: 0-255
		LOW LUMINANCE MODE: OFF/AGC
		BRIGHTNESS: X0.25, X0.5, X0.75, X1
	MANUAL	MODE: SHUT+AGC
		SHUTTER: 1/50 - 1/10000
		AGC 6 - 44
WHITE BALANCE	ATW	SPEED/DELAY CNT/ATW FRAME/ENVIRONMENT
		PUSH/ANTI CR/PUSH LOCK/USER1-2/ MANUAL
BACK LIGHT		OFF/BLC/HLC
PICT ADJUST		MIRROR/BRIGHTNESS/CONTRAST/SHARPNESS/HUE/GAIN
ATR	OFF	
	ON	LUMINANCE/CONTRAST
MOTION DETECT	OFF	
	ON	MOTION AREAS SET UP
PRIVACY	OFF	
	ON	PRIVACY AREA SET UP
DAY/NIGHT	COLOR	
	B/W	BURST: OFF/ON
	AUTO	BURST: OFF/ON
		DELAY CNT/DAY-NIGHT/NIGHT-DAY
NR	NR	MODE:Y/C,OFF,Y,C
CAMERA ID	OFF/ON	ID SET UP
SYNC	INT	
LANGUAGE		ENGLISH/SPANISH/PORTUGUESE/FRENCH/GERMAN
CAMERA RESET/BACK/EXIT/SAVE ALL		

WARNING
This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

Specification;

Model Code	XBC28V12SDN700IR
CCD	Sony EX View Had CCD II
Resolution	700TVL
Lens	2.8-12mm manual zoom
Minimum Illumination	0 Lux (IR on)
S/N Ratio	52 dB
Scanning System	2:1 Interlaced
AES	1/50 ~1/100000s
AGC	Auto
Gamma	0.45
IR LEDS	42 LEDS Photocell driven
IR range	Up to 30m
IR on point	Under 10 Lux
Video Output	1Vp-p (BNC)
Power input	12Vdc ± 10% (2.1 plug) 500mA Max
Dimensions	200(D) x 171(H) x 83(W)
Weight	1400g
Storage temp	-30 ~ +60ºC
Operating temp	-10 ~ +50ºC
IP rating	IP66
Special Features	4 x privacy zones, OSD Motion detection, camera ID
OSD Languages	English, French, Spanish, Portuguese, German

Trouble shooting

1. No picture after powering up:
   - Incorrect voltage
   - Wrong polarity
   - Badly made BNC connector

2. Horizontal lines travelling up the screen:
   - Generally cased by an AC hum, requires a hum rejection unit