

HomeSafe Vandal Resistant Dome Cameras

5480 Series

The Clipsal series of vandal resistant, dome cameras feature a high sensitivity Super HAD CCD array, to provide sharp, high resolution, real time images. The $\frac{1}{3}$ inch Sony CCD features an output resolution of 420 lines and a signal to noise ratio of more than 48dB. The cameras are available in colour and black and white.

The dome cameras are designed to operate over a range of wide ambient light levels. In addition, incoming light is constantly monitored by the high speed digital circuit and automatically adjusts the electronic shutter speed between the range of 1/50 – 1/100,000 second, thus providing the best

quality video output for moving targets over a wide range of lighting conditions.

The cameras are constructed from a rugged aluminum housing, which provides a high degree of mechanical strength to protect from tampering and misuse. The cameras are suitable for indoor applications, specifically for elevators and lifts.

The cameras are designed to operate from a 12Vd.c. regulated power supply (Cat. no. 5480PP).

Features & Characteristics

- Sensor, 1/3 inch Sony Super HAD CCD.
- Resolution, 420 lines.
- System of signal, PAL/NTSC or CCIR/EIA.
- Available in colour and B/W.
- Video output, 1Vpp into 75 ohms.
- Signal to noise ratio, more than 48dB.
- Constructed from a rugged aluminum housing.
- Wide operating temperature.
- Suitable for indoor applications.
- Requires 12Vd.c. regulated power supply.
- CE and C-Tick compliant.

Technical Specifications

CATALOGUE NO.	5480/420BDVB	5480/420CDVB
Image Device	1/3" SONY Super HAD CCD	
Number of Pixels	CCIR: 500 (H) x 582 (V)	PAL: 500 (H) x 582 (V)
EIA:	510 (H) x 492 (V)	NTSC: 510 (H) x 492 (V)
Sensing Area	4.9mm x 3.7mm	
System of Signal	CCIR/EIA	PAL/NTSC
Horizontal Resolution	420 Lines	
Electronic Shutter Speed	1/50 - 1/100,000 sec (PAL and CCIR) 1/60 - 1/100,000 sec (EIA and NTSC)	
S/N Ratio	More than 48dB	
Minimum Illumination	0.05Lux/F1.2	0.8Lux/F1.2
Video Output	1.0V p-p, 75Ω	
Power Requirement	d.c. 12V @ 300mA	
Power Consumption	100mA	120mA
Video Connector	BNC (Female)	
Dimensions	62mm x ø 94mm x ø 14mm	
Operating Temperature	-10°C to +45°C	
Operating Humidity	25 - 85%RH	

CATALOGUE NO.	DESCRIPTION
5480/420BDVB	Camera, CCD, B/W, Dome, Vandal Resistant, 420 lines, 12Vd.c. operation (power supply not included)
5480/420CDVB	Camera, CCD, Colour, Dome, Vandal Resistant, 420 lines, 12Vd.c. operation (power supply not included)

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Products of
Clipsal Integrated Systems Pty Ltd
 Member of Clipsal Australia Holdings Group
 ABN 15 089 444 931

Head Office
 12 Park Terrace, Bowden
 South Australia 5007
 PO Box 103 Hindmarsh,
 South Australia 5007

Telephone (08) 8440 0500
 International +61 8 8440 0500

Facsimile (08) 8346 0845
 International +61 8 8346 0845

Internet www.clipsal.com/cis
 E-Mail cis@clipsal.com.au

CIS Technical Support Hotline
 1300 722 247

International Enquiries

International Sales and Marketing
 Telephone +61 8 8269 0587
 Facsimile +61 8 8340 7350
 E-Mail export@clipsal.com.au

New Zealand
 Clipsal Industries (NZ) Ltd
 Telephone +64 9 576 3403

Malaysia
 Clipsal Integrated Systems (M) Sdn Bhd
 Telephone +60 3 7665 3555

Singapore
 Clipsal Integrated Systems Pte Ltd
 Telephone +65 6266 1998

China
 Clipsal China Limited
 Telephone +86 755 8237 5959

Greece
 Schneider Electric AE
 Telephone +30 69 4646 3200

Hong Kong
 Clipsal Integrated Systems (HK) Limited
 Telephone +852 2487 0261

India
 Schneider Electric India Pvt Ltd
 Telephone +91 11 5159 0000

Indonesia
 PT Clipsal Graha Nusantara
 Telephone +62 21 630 6430

Korea
 Clipsal Korea Co. Ltd
 Telephone +82 31 708 9240

Pakistan
 Clipsal Pakistan (PVT) Ltd
 Telephone +92 21 506 7278

Philippines
 Clipsal Representative Office
 Telephone +632 683 0275-78

South Africa
 Clipsal South Africa (Pty) Ltd
 Telephone +27 11 314 5200

Sri Lanka
 Clipsal Lanka (PVT) Ltd
 Telephone +94 11 4 792111

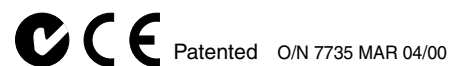
Taiwan
 Clipsal (Taiwan) Co Ltd
 Telephone +886 2 2558 3456

Thailand
 Clipsal Thailand Ltd
 Telephone +66 2 952 5338-42, 7660-3

United Arab Emirates
 Clipsal Middle East
 Telephone +971 6 5570 777

United Kingdom
 Clipsal Integrated Systems (UK)
 Telephone +44 1628 508 530

Vietnam
 Clipsal - VTEC
 Telephone +848 856 3002



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