

D-CAM 600 series

# D-CAM<sup>TM</sup>600

## Integrated Camera, PIR & Timer Video over UTP (optional)



Get  
the Whole  
Picture



## You Can't Tell it's a Camera! Ideal for Covert Surveillance

- Sleek new design
- High quality color or b/w video
- Invisible Camera hole
- Covered LED indicators
- Unshielded Twisted Pair (UTP) transmission (optional)
- Suited for low lighting conditions going as low as 0.003 Lux
- Built in smart timer
- High quality microphone with built-in amplifier (optional)
- Environmental immunity
- Fast mounting

The **D-Cam 600** comes in a new slim design, with the almost invisible camera hole underneath the surface. There are a variety of models – some are equipped for recording in very low lighting conditions – from 0.003 LUX, while others provide the option of video transmission over unshielded twisted pair UTP (please see back for more details).

These features make the **D-Cam 600** ideal for covert surveillance - the presence of a camera is undetectable to the human eye.

The **D-Cam 600** units are ideal as add-on cameras for security installations, feeding to CCTV Monitors, Transmitters and DVRs.

The **D-Cam 600** series features high-quality, high-sensitivity pinhole camera, PIR sensor and adjustable timer, covertly packed in a standard PIR casing with matching fields of view for the camera and the PIR sensor.

# D-CAM<sup>TM</sup>600

## Integrated Camera, PIR & Timer Video over UTP (optional)

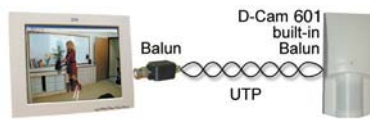
### Video over Unshielded Twisted Pair (UTP)

Our Video over UTP models save you the need for expensive, rigid coax cables for Video transmission from the D-Cam 600 to the recording/monitoring unit.

They support transmission of video signals over unshielded twisted pair up to at least 100 m (300 feet) away.

These models come with a built-in Balun\*, and we supply an additional Balun – a Passive unit with BNC Connector - to be used at other end.

\*A Balun is a Balanced to Unbalanced Passive device for transmission over UTP



### Ordering information

D-Cam 600/C 15512507	Color CCD Camera 0.5 Lux Swivel bracket included
D-Cam 600/B 15512508	B&W Digital Camera 0.1 Lux Swivel bracket included
D-Cam 600/BX 15516508	B&W Digital Camera 0.003 Lux Swivel bracket included
D-Cam 600/TC 15520507	Built-In Video Transmission over twisted pair Color CCD Camera 0.5 Lux Balun (converter) for Receiving included Power supply & swivel bracket included
D-Cam 600/TB 15520508	Built-In Video Transmission over twisted pair B&W CCD Camera 0.1 Lux Balun (converter) for Receiving included Power supply & swivel bracket included
D-Cam 600/TBX 15526508	Built-In Video Transmission over twisted pair B&W CCD Camera 0.003 Lux Balun (converter) for Receiving included Power supply & swivel bracket included

\*Also available with built-in microphone



### Specifications

Camera		B&W				COLOR	
Model	BW	BWX	BWT	BWXT	C	CT	
TV Standard	CCIR / EIA				PAL / NTSC		
Resolution	420 lines				380 lines		
Sensitivity	0.1 Lux (F2.0)	0.003 Lux (F2.0)	0.1 Lux (F2.0)	0.003 Lux (F2.0)	0.5 Lux (F2.0)	0.5 Lux (F2.0)	
S/N Ratio	Better than 48dB						
Shutter Control	Automatic 1/50 – 1/10,000						
White Balance	Auto white balance						
Pinhole Lens	F4.3mm standard						
Video over Twisted Pair (VTP)	No	No	Yes	Yes	No	Yes	
Including Balun	No	No	Yes	Yes	No	Yes	
<b>Detector</b>	Dual Element PIR, ASIC based						
Lens Type	Hard spherical lens						
Sensitivity	$\Delta 1.6^{\circ}\text{C}$ ( $\Delta 3^{\circ}\text{F}$ ) @ 0.6m/sec (2ft/sec)						
Detection Speed	0.3 - 1.5m/sec (1 - 5ft/sec)						
Temp. Compens.	Bi-directional						
Pulse Count	Jumpers selection: 1- 3 pulses for normal to high-risk operation						
Coverage	Wide angle 90° 18m x 18m (60ft x 60ft)						
RFI Protection	30V/m 10 - 1000MHz						
EMI Protection	50,000V of electrical interference from lighting or power through						
<b>Output Relays</b>							
N.C.	28VDC, 0.1A with 20ohm serial resistor Momentary opening for min. 1.6 sec upon detection						
N.O.	28VDC, 0.1A with 20ohm serial resistor						
<b>Timer</b>	N.O. Retriggable closure, adjustable from 10 to 100 secs.						
<b>Audio</b>	Optional						
<b>Power Supply</b>	B&W				COLOR		
Operating Voltage	11 - 13 Vdc						
Current Draw	130mA @ 12Vdc Typical				170mA @ 12Vdc Typical		
Op. Temperature	-10 - 50°C (23 - 122°F)				0 - 40°C (32 - 104°F)		
Dimensions	137 x 65 x 49 mm (5.4 x 2.6 x 1.9 inch)						
Weight	140gr (5oz.)						

Headquarters  
Video Domain Technologies Ltd.  
Tel: 972-3-904-4111  
Fax: 972-3-904-3003  
sales@vdomain.com

USA Sales Office  
Video Domain Technologies Inc.  
Toll Free: 866-MEMOCAM (636-6226)  
Tel: 201-735-0429  
Fax: 866-422-1105  
sales-us@vdomain.com

UK Sales Office  
VDT (UK) Ltd.  
Tel: 0870-330-0166  
Fax: 0870-330-0167  
sales-uk@vdomain.com

[www.vdomain.com](http://www.vdomain.com)