

D-CAMTM 600 series

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



VIDEO DOMAIN

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
- High quality microphone with built-in amplifier
- Suited for low lighting conditions going as low as 0.003 Lux
- Built in smart timer
- Unshielded Twisted Pair (UTP) transmission (optional)
- Environmental immunity
- Fast mounting

**Also available without audio*

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, microphone and adjustable timer, covertly packed in a standard PIR casing with matching fields of view for the camera and the PIR sensor.

D-CAMTM600 series

Integrated Camera, PIR, Microphone and Timer
Video over UTP (optional)

Video over Unshielded Twisted Pair (UTP)

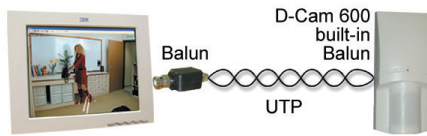
Our Video over UTP models save you the need for expensive, rigid coax cables for Video transmission from the D-Cam 600 to the recording/monitoring unit.

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 601 C 15514504	Color CCD Camera 0.5 Lux
D-Cam 601 BW 15514505	B&W Digital Camera 0.1 Lux
D-Cam 601 BWX 15518505	B&W Digital Camera 0.003 Lux
D-Cam 601 CT 15522504	Built-In Video Transmission over twisted pair Color CCD Camera 0.5 Lux Balun (converter) for Receiving included
D-Cam 601 BWT 15522505	Built-In Video Transmission over twisted pair B&W CCD Camera 0.1 Lux Balun (converter) for Receiving included
D-Cam 601 BWTX 15524508	Built-In Video Transmission over twisted pair B&W CCD Camera 0.003 Lux Balun (converter) for Receiving included

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
Detector	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					
Output Relays						
N.C.	28VDC, 0.1A with 20ohm serial resistor					
	Momentum opening for min. 1.6 sec upon detection					
N.O.	28VDC, 0.1A with 20ohm serial resistor					
Timer	N.O.					
	Retriggable closure, adjustable from 10 to 100 secs.					
Audio	Amplified microphone					
Response	Omnidirectional					
Sensing Element	Electret microphone					
Output Impedance	32 Ω					
Power Supply	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.)					



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