

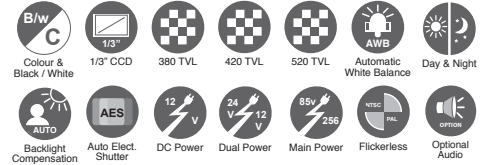


CMT Series Full Function Day & Night Analogue Cameras

Engineered to produce the highest level of video quality in low lighting applications, the rugged CMT series provides more contrast and a clearer picture in challenging conditions. As a result, this camera produces high quality pictures even in very low light.

Features:

- 1/3" SONY Super HAD CCD
- CRR Enhancement
- AGC, BLC, AWB
- Day & Night Function
- DC 12V, AC 24V or AC 85~265V 50~60Hz (Switching Power Supply)
- Audio Function (*optional*)

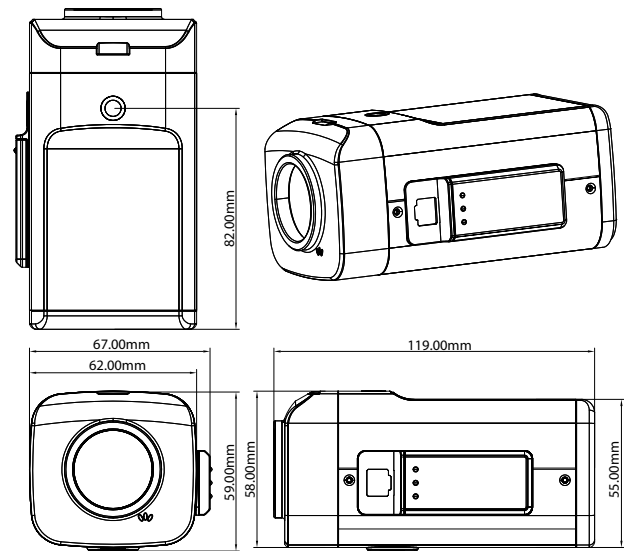


IC-N42CMT-12F / 3F

Picture Elements: NTSC 510 x 492, PAL 500 x 582
Horizontal Resolution: 420 TVL

IC-N54CMT-12F / 3F

Picture Elements: NTSC 768 x 494, PAL 752 x 582
Horizontal Resolution: 540 TVL



ORDERING:

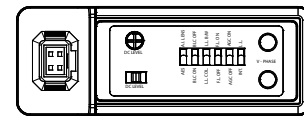
IC-N42CMT12F Day/Night Box Camera, 420 TVL, 12v DC/24v AC
IC-N54CMT12F Day/Night Box Camera, 540 TVL, 12v DC/24v AC

IC-N42CMT3F Day/Night Box Camera, 420 TVL, 185 ~ 265 AC
IC-N54CMT3F Day/Night Box Camera, 540 TVL, 185 ~ 265 AC

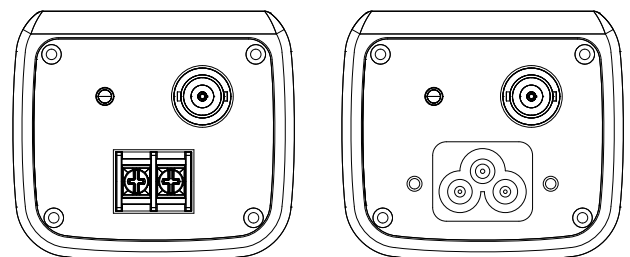
NOTE:

Indicate if Audio Option is required.
Specify NTSC or PAL when ordering.

Also available with full function IP capabilities.



Side Interface



12F

3F

Model	IC-N42CMT12	IC-N42CMT3	IC-N54CMT12	IC-N54CMT3
Operational				
Image	Sensor 1/3" SONY Super HAD CCD Technology			
Number of Effective Pixels	Effective: NTSC: 510 x 492 / PAL: 500 x 582 Total: NTSC: 537 x505 / PAL: 537 x597		NTSC: 768 x 494 / PAL: 752 x 582 NTSC: 811 x 508/ PAL: 795 x 596	
Auto Gain Control (AGC)	DIP SWITCH 34dB			
Exposure Control	AE / AI Switchable			
Auto Iris Shutter	NTSC: 1/60 sec. - PAL: 1/50 sec.			
Auto Iris Lens	DC / Video Servo Switchable			
Back Light Compensation (BLC)	Auto detect, histogram and 225 areas windows weighted			
Electronic Shutter	1/50 (60) to 1/100,000 second			
Exposure Control	Auto, gamma setting			
Gamma Correction	0.45			
White Balance	Auto tracking 2500K to 9500K			
Flickerless	ON / OFF Switchable			
Digital Zoom	N/A			
On-Screen Display (OSD)	N/A			
Lens Mount	C and CS Mount			
Video Output	1Vp-p. 75 BNC Connector			
Scanning Mode	2:1 interlace scan			
Scanning Line	NTSC: 525 lines / PAL: 625 lines			
Hor. scanning frequency	NTSC: 15.734K Hz / PAL: 15.625K Hz			
Ver. scanning frequency	NTSC: 59.94K Hz / PAL: 50K Hz			
Acceptable IR wavelength	800 to 900nm			
Aperture Correction	Horizontal and Vertical 2H enhancer			
System	NTSC / PAL			
Lens Mount	Ø12mm Board Lens Mount – Screw Type			
Horizontal Resolution	420TVL		540TVL	
Sensitivity(30IRE, SAGC)	0.1Lux(Color Mode), 0.03Lx (B&W Mode) @F1.2 0Lux When External InfraRed Illuminator is ON		0.5Lux @ F1.2 0Lux When External InfraRed Illuminator is ON	
Electrical				
Input Voltage Options	12v DC / 24v AC 50~60Hz	85v ~ 265v AC 50~60 Hz	12v DC / 24v AC 50~60Hz	85v ~ 265v AC 50~60 Hz
Approximate Power Consumption	2.15Watt		2.45Watt	
Synchronization	Internal / Line-Lock			
General				
Operating Temperature	-20°C to +60°C (4°F to 140°F)			
Operating Humidity	20% ~ 80% (non compensating)			
Storage Temperature	-20°C to +80°C (4°F to 176°F)			
Storage Humidity	20% ~ 95% (non compensating)			
Construction	Aluminium Housing; Black Colour, Powder Coated			
Weight	approximate, 0.6Kg			

Specifications are subject to change without notice.
Weights and dimensions may be indicative.

CMT Series Day & Night Camera

REGULATORY:

CE (EN5513, EN50130-4)
EU: 73/23/EEC LVD
RoHS Compliant

ACCESSORIES:

Housing and Mounts

Model #I-WBM Wall Mount
Model #I-WBJ Wall Mount
Model #I-WBCLA Wall Mount
Model #I-WBCD Swivel Mount

Power Supplies

Model #IPS1205E 230v AC 50Hz
Model #IPS1205E 120v AC 60Hz

© i-LAX ELECTRONICS INC. 2011
Specifications are subject to change without notice.
Weights and dimensions may be indicative.
Revised August 2011

Statement:

Products mentioned in this specification sheet (IC-N42CMT12, IC-N42CMT3, IC-N54CMT12 & IC-N54CMT3) have been designed and manufactured in i-Lax Electronics Inc. facility which is located in The Province of Ontario, Canada.