



NDB100K  
i3 Part# C-NDB100K



## Features

- Ultra compact vandal proof mini PTZ dome
- 520 TVL High resolution/sensitivity day/night capabilities
- 10x optical, 12x digital zoom
- High-speed 360-degree continuous pan
- 8 tours 165 pre-sets and auto-pan modes
- Multi-protocol capable
- UTP transmission standard on all analogue
- 24VAC

## Application & Benefits

i3 DaVinci Lite Series of PTZ is a rugged, extremely compact, and easy to install PTZ camera system, which incorporates many features typically only found in traditional high speed PTZ cameras. This discrete, PTZ dome camera has been specifically designed to deliver uncompromised functionality and performance at a very affordable price for indoor and outdoor applications.

With a dome diameter of only 4 inches (10.2 cm), DaVinci Lite is about 70% smaller than traditional PTZ cameras and 20% smaller than other compact domes. These compact dimensions make the DaVinci Lite Series ideal for discrete surveillance applications.

Despite its compact design, the DaVinci Lite delivers state-of-the-art technology and features that are rare for most compact PTZ cameras. Its variable pan and tilt speeds and autopivot ensure optimal camera control and viewing at all zoom levels. This high-performance 120x (10x optical/12x digital) zoom autofocus camera incorporates the latest digital imaging technology with excellent sensitivity and resolution.

With 165 user-defined presets as well as multiple tour and autopan modes, the DaVinci Lite is not light on features. A single DaVinci Lite provides as much coverage as four (4) fixed mini domes and is priced lower than a traditional PTZ dome camera. The DaVinci Lite maximizes your security investment by integrating with the entire line of i3 video products including, SRX-Pro and Veo digital recorders, as well as the full range of i3 video-over-IP products.

## Recommended Products



DB104WM  
DB104WM daVinci Lite  
Wallmount Bracket



DB101FM  
DB101FM DaVinci Lite  
Flush Mount



DB107CM  
DB107CM DaVinci Lite  
Corner Mount



DB109PM  
DB109PM DaVinci Lite  
Plate Mount



EA24A6-P9  
EA24A6-P9 Power  
Supplies



International Standards  
Organization Registered Firm  
ISO 9001 Quality System

CANADA | 780 Birchmount Road, Unit 16, Scarborough, ON, M1K 5H4  
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For design help, accessories or pricing, please contact:  
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<b>Features</b>	
Focus	Auto (normal sensitivity / low sensitivity)
Zoom Limit	Up to 120x (optical 10X, digital 12X)
Focal Length	f=4.2mm (wide)-42mm (tele)
Signal system	NTSC/PAL
Scanning system	2:1 Interlace
Image sensor	1/4" SONY Ex-view HAD CCD
Effective pixels	NTSC: 768(H) x 494(V) 380K, PAL: 752(H) x 582(V) 440K
View angle	54.2 (wide end) to 2.2 (tele end)
Minimum illumination	Normal Mode: 0.7 lux (F1.8), Night Mode: 0.0007 lux (F1.6-sens up) on DSS mode
Horizontal resolution	520 TV lines
Privacy zone	4 programmable masking zone
Motion detection	Yes
Day & Night mode	Filter changeable true day/night camera
White balance	AWB/ATW/INDOOR/OUTDOOR
AGC, BLC, Flickerless	BLC: ON/OFF, Flickerless: NTSC: ON/OFF (1/100), PAL: ON/OFF (1/120)
Video output level	Composite video output 75Ohm Terminated (2 terminal connector)
<b>Electric</b>	
Shutter time	ON/OFF
<b>Functions</b>	
Pan, Tilt range	Pan 360 continuous, Tilt 90
Manual pan speed	Max 200/sec (manual/preset)
Manual tilt speed	Max 200/sec (manual/preset)
Auto flip	ON/OFF
Programmable presets	165 points
Programmable tours	8 patterns tours
<b>Power supply</b>	
Power requirement	24VAC, 1.1A (with heater)
Power consumption	30W (24VAC with heater)
<b>I/O connector</b>	
Internet protocol	Supports Pelco, i SD, multiple
Alarm	4 inputs
Interface	RS485 (2-wire)
Baud Rate	2400, 4800, 9600, 19200 bit/s (DIP-switch selectable)
<b>Environment</b>	
Operating temperature	-40C-60C (-40F-140F)
Operating humidity	0 to 95% RH
Storage temperature	-20C - 60C (-4F-140F)
Dimensions (xH)	157mm x 167mm (8.52" x 12.75")
Weight	3200g (Bracket excluded) (7.054lb)
Protection Class	CE, FCC, Class A
Vandal Resistance	IP66 (with heater and blower)
<b>Warranty</b>	
Standard Warranty	1 year limited warranty

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