



## Network Devices

Megapixel Day/Night IP H.264 Cameras

# MP-DN SERIES

Ganz® MP-DN Series megapixel cameras utilize the latest H.264 compression to capture HD quality video images at file sizes up to 10x smaller than conventional megapixel cameras. This series offers true day/night performance with a retractable IR cut filter, assuring excellent low-light video quality and compatibility with external IR illuminators.

- 1.3, 2, 3, and 5 megapixel sensor configurations with up to 2592x1944 resolution
- H.264 and M-JPEG compression
- 10x Average Bandwidth and Storage Reduction over M-JPEG
- Motorized IR cut filter with focus shift correction
- IR Sensitive, 0 lux
- Available pre-installed in iPak outdoor housing
- Compatible with **computar**® megapixel lenses
- Software and license files included
- PoE ready (IEEE 802.3af compliant)



Complete your megapixel System with Ganz® ZNR Servers & Software



**CBC (AMERICA) Corp.**

# MP-DN Series

# Megapixel Day/Night IP H.264 Cameras

Available preinstalled in iPak - outdoor housings with power & Ethernet cables



Rear panel view



## Specifications

Models	MP1DN	MP2DN	MP3DN	MP5DN
<b>Imaging</b>	1.3 Megapixel	2 Megapixel	3 Megapixel	5 Megapixel
	1/2" optical format			
	Bayer mosaic RGB filter			
	1280(H) x 1024(V) pixel array	1600(H) x 1200(V) pixel array	2048(H) x 1536(V) pixel array	2592(H) x 1944(V) pixel array
<b>Sensitivity</b>	Color: 0.1 Lux @ F1.4	Color: 0.1 Lux @ F1.4	Color: 0.2 Lux @ F1.4	Color: 0.3 Lux @ F1.4
	D/N: 0 Lux, IR sensitive	D/N: 0 Lux, IR sensitive	D/N: 0 Lux, IR sensitive	D/N: 0 Lux, IR sensitive
	Dynamic range 60 dB			
	Maximum SNR 45 dB			
<b>FOV Resolutions</b>	1280x1024 (HxW) 1.3 Megapixel	1600x1200 (HxW) 2 Megapixel	2048x1536 (HxW) 3 Megapixel	2592x1944(HxW) 5 Megapixel
<b>Data Transmission</b>	Data rate up to 55Mbps			
	Bit rate control from 100Kbps to 10Mbps			
	Bit rate control available for full view, multi view, and archive			
	Frame rate up to 30fps @ 1280x1024	Frame rate up to 24fps @ 1600x1200	Frame rate up to 15fps @ 2048x1536	Frame rate up to 9fps @ 2592x1944
	H.264 compression (MPEG-4, Part 10) and Motion JPEG with 21 levels of quality			
<b>Transmission Protocols</b>	TFTP, HTTP, RTSP			
	100 Base-T Ethernet Network Interface			
<b>Programmability</b>	Auto Exposure (AE) and Gain Control (AGC) >120dB			
	On-camera real-time motion detection with 64 detection zones			
	Auto backlight compensation			
	Auto multi-matrix white balance			
	50/60Hz selectable flicker control			
	Electronic pan, tilt, zoom (PTZ)			
	Electronic image flip - 180 degree rotation			
	Resolution windowing down to 32x32 pixels window			
	Programmable shutter speeds to minimize motion blur			
	Low-light mode - extended exposure and proprietary noise cancellation			
	Programmable resolution, brightness, saturation, gamma, sharpness, tint			
	Picture-in-Picture: simultaneous delivery of full field of view and zoomed images			
	Bandwidth & storage savings by running at 1/4 resolution			
<b>Electrical</b>	Opto-coupled alarm or trigger input, opto-coupled alarm and flash sync output			
	Power over Ethernet (PoE): PoE 802.3af			
	Power consumption 4 Watts maximum			
<b>Mechanical</b>	Dimensions: 3"W (76 mm) x 2.5"H (63.5 mm) x 2.25"D (57mm) (w/o lens)			
	Weight: 8.6 oz (243 grams) (w/o lens)			
<b>Environmental</b>	Operating temperature 0° C (32° F) to +50° C (122° F)			
	Storage temperature -20° C (-4° F) to +60° C (140° F)			
	Humidity 0% to 90% (non condensing)			
<b>Regulatory Approvals</b>	FCC and CE compliant			

All specifications are subject to change without notice.