



Network Video Devices

Ganz Cloud™ IP Camera with Integrated Online Video Management

ZCL1

Features:

- No local server or network configuration required. The camera automatically connects to the **Ganz Cloud™** service and begins capturing video
- H.264, True Day/Night with Ultra Wide Dynamic Range imager (up to 110 db)
- Intelligent, object based motion detection
- MicroSD card storage with patented bandwidth shaping (2GB card included)
- Encryption and signing protects images with strong stream based encryption
- ZCL1 software is automatically maintained by the **Ganz Cloud™** service.
- Tightly integrated with the **Ganz Cloud™** online service providing high end video management functionality from any browser or mobile device

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ZCL1

Ganz Cloud™ IP Camera with Integrated Online Video Management

■ Camera Front & Back



■ Accessories



■ Specifications

Model	ZCL1
Image Sensor	720x480 Resolution HDR CMOS Sensor
	4.7 V/Lux Second
Day/Night Performance	Day Mode - Color, up to 110db Ultra Wide Dynamic Range / 20 FPS
	Night Mode - Black and White, up to 80db Ultra Wide Dynamic / 8 FPS
Minimum Illumination	Visible light and IR sensitive / Minimum light 0.1 lux
Integrated IR Filter	True color during daylight and full IR sensitivity at night
	675 nm cut filter when engaged
	Compatible with IR Illuminators
	Day, Night, and Auto selection modes
Connection	Ethernet 10/100 BaseT RJ45 Connector
Storage	PoE Class 2 Device
	2GB MicroSD Card (included)
Lens Mount	Automatic formatting
	Industry standard M12 mount
Lens	Supports lens with minimum mechanical back focal length 5.75mm or greater
	F1.8, 4x varifocal lens
Imaging Formats	Horizontal FOV of 25 to 70 degrees
	H.264 baseline profile video
	High quality full resolution JPEG images
Bandwidth	JPEG thumbnails
	< 384 kbps live streaming bandwidth
	5 kbps default daytime shaping bandwidth
	Supports up to 8 cameras sharing cable or DSL without impacting existing business applications
CPU	Support up to 32 cameras on single T1
	T1 - DM6446 at 594 Mhz
	297 Mhz ARM9, 594 Mhz DSP
	128 MB DRAM
Power Consumption	< 5 Watts
Operating Temperature	32°F-120°F (0°C to 50°C)
Camera Mounting Kit (included)	Drop ceiling scissor mount or 2.5" diameter screw mount (with screws and anchors)
	One (1) 1" and two (2) 2" extenders
	180 degree adjustable head
Tripod Socket	Industry standard 1/4-20
Dimensions	7.0" L x 3.6" W x 1.9" D (with lens)
	5.5" L x 3.6" W x 1.9" D (without lens)

All specifications are subject to change without notice. For the most up to date specifications, please visit ganzcloud.com.

■ Requirements

- Valid subscription to **Ganz Cloud™ Service Plan - ZCLS-12**
- Broadband Internet connection with 350~500kbps uplink bandwidth to support streaming, shared across all cameras in facility
- Power over Ethernet (Class 2)
- Monitoring through **Ganz Cloud™**, desktop client requires Flash v10 or above, mobile version needs only HTML capability
- For Indoor use. If used outdoors, the camera should be encased in a weather sealed outdoor camera housing.



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