

HD88

Outdoor 720p HD Camera



HD88 Introduction

The HD88 outdoor Ethernet / Wi-Fi camera was created to provide integrated video supervision with Paradox security / access systems. It streams HD 720p, HD audio, H.264 compressed, ROT activation follows Alarm system event or internal motion detector, pre-alarm recording, day / night modes. The motion detector is security grade pet immune. The HD88 is designed to provide a one-stop integrated solution for video surveillance security, access, and automation. The HD88 can be assigned as a system zone or just for surveillance outdoor camera.

Paradox Security / Video / Access / Automation One-Stop Solution

Paradox's one-stop solution offers full integration with Paradox systems eliminating the need for separate CCTV, access or automation installations and services.

Connectivity is ensured by Paradox's Swan servers and Insite GOLD Android / iOS one-stop solution application.

Paradox's one-stop solution fits residential or business protection needs, with one installation and application to manage and use.



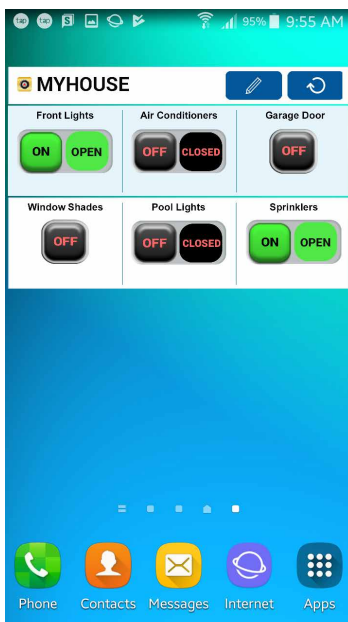
Alarm

Manage your system including arm / disarm, view partitions and respond to system alarms and panics.



Video

Watch live streaming videos, manage Record on Demand (ROD) and Record on Trigger (ROT), share videos.



Automation

Activate / deactivate your system outputs and create PGM macros. Unique output activation with status verification.



Access

Control your doors when using Insite GOLD with an EVO system that has access control enabled.

Google Drive



Events can be directed to your personal, free of charge Google drive. Paradox has no data stored or access to your personal videos or data.

Privacy

Privacy is fully managed by the Master with the Insite GOLD application allowing you to decide which cameras can be viewed per arming status, which users can see the cameras, as well as, completely block all access to cameras with the Privacy Mode.

Swan Service



Paradox Swan servers stationed with Amazon hold connection parameters of our devices for communication purposes, no other information or media data is stored nor shared with 3rd parties or authorities. Unlike other services, Paradox keeps no site / user data. Swan service is reasonably charged annually in order to keep reliable and trusted connection when needed. The Swan server eliminates any IP programming (no need for UPnP or static IP) and also acts as a bridge with Paradox cellular devices for mobile application connection.

Security Event-Driven vs Traditional CCTV

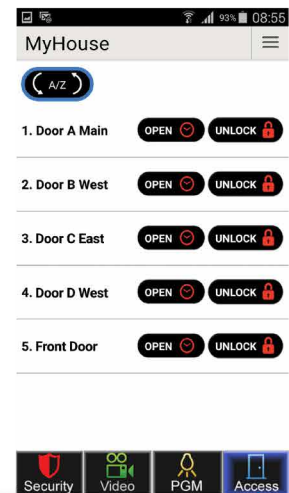
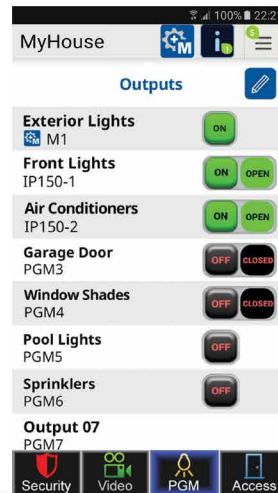
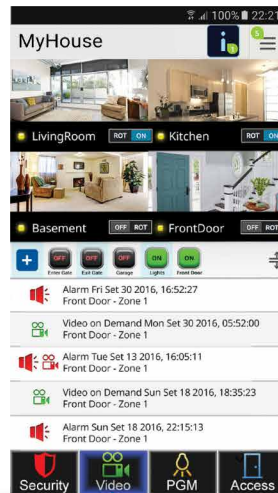
Paradox's integrated solution Security / Video Verification / Surveillance / Access / Automation Systems allows event-based video recording, the efficient video tracking compared to the lengthy overloaded data of CCTV systems. Video files are attached to security events, which avoid lengthy, time-consuming searches. Files provide -3 seconds pre-alarm, file lengths are 20 seconds to 3 minutes.

HD88 files are attached to the security events for easy management. In the case of an alarm, 2 high-resolution pictures are sent to CMS, 3 seconds pre-alarm and 1 second after detection, as well as 20 seconds low-resolution 380p for a fast view of an event.

Insite GOLD – Android, iOS



The HD88 is programmed and managed easily and conveniently by the Insite GOLD smartphone application. Push notifications will indicate activity in the system. Events can be viewed, uploaded and stored. Permitted users may access site camera to view VOD for live streaming. Programmable outputs can be controlled from the Insite GOLD application and supported by Android and iOS.



Integrated Security Grade Dual Motion detector

The HD88's built-in high-grade Paradox legacy pet immune motion detector, used for alarm triggering or as a reliable ROT activation, provides false free triggers for recording. A non-video based triggering eliminates many nonsense false events, push and recordings.

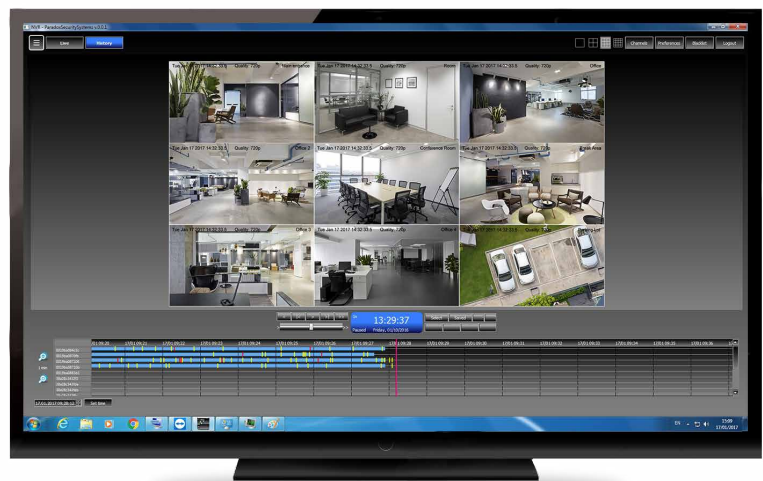
Features List

- Fully integrated Paradox one solution
- Security Event-Driven - Files linked to events
- IP65 Outdoor / Indoor
- Remote access via Insite GOLD application and Swan Service
- Google Drive cloud storage
- 720p color streaming (H.264), HD audio
- Internal storage: 15 minutes alarm and 15 minutes Video on Demand (VOD) or Record on Trigger (ROT)
- SD card expansion slot up to 256 GB (max 32 hours)
- Auto storage on phone when playing video files
- Pre-alarm -3 seconds recording
- Push notifications
- True Paradox Pet Immune Security Grade PIR Dual sensor / Dual Mironel lens
- Day/Night switching with IR Night Illumination up to 10m (33 ft)
- Compatible with Paradox Spectra SP5500, SP6000, SP7000, EVO192 and EVOHD



NVR Local Streaming / Recording PC Software (Third quarter 2018)

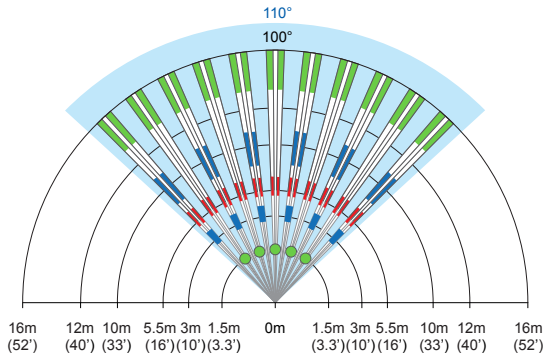
The PC encrypted software offers CCTV DVR capabilities for local NVR recording and playback of up to 16 cameras with full event marking on the recorded videos and next event play buttons. Recordings can easily be searched, highlighted and saved from main recordings. Video files can be recorded and played only by our software, so files can be presented as unmodified legally. Export of video files is also available. Requires a paid site in Swan server.



Detector Beam Patterns

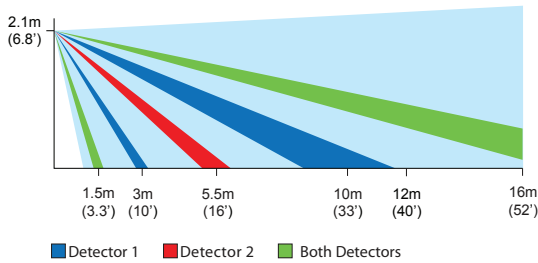
TOP VIEW:

Camera View



SIDE VIEW:

Camera View



Detector 1 Detector 2 Both Detectors

Technical Specifications

Image resolution	1280 x 720p
Image sensor type	1.4 megapixels, CMOS sensor, 7V / LUX,Sec
Streaming video	720p H.264 10 FPS
HD audio	16 bit, 24 KHz sampling rate, 32 Kb/s mono
Internet bandwidth	1 Mb/s minimum
Pre-event recording	-3.0 sec. pre-trigger
Internal storage	15 minutes alarm and 15 minutes ROT / VOD File length - 10 sec. 3 min. detection dependent
PIR sensor / lens	2x dual element / Mironel lens
Pet Immunity	True Paradox Pet Immune
Detection speed	0.2 m/s to 2.5 m/s (0.6 ft/s to 11.5 ft/s)
Angle view (camera)	91° (V) x 110° (H)
Coverage	12 x 12m (40 x 40 ft)
SD card socket	16 GB up to 256 GB
Installation height	2.1m - 2.7m (7 ft - 9 ft)
Installation options	Wall, HD88 bracket optional
Voltage input	12 to 16 Vdc
Current consumption	250 mA - IR illumination OFF @ 13.8V 350 mA - IR illumination ON @ 13.8V
Operating temperature	-40 °C to +60 °C (-40 °F to 140 °F) (Heated in cold temperatures)
Unit size (H x W x D)	16.8 x 6.8 x 7.4 cm (6.6 x 2.7 x 2.9 in.)

HD88 Bracket



PS45 75W Camera Supervised Power Supply



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