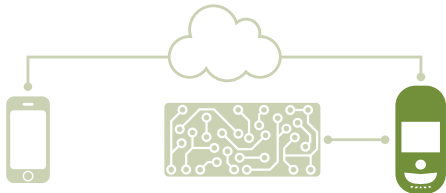


HD77

HD Video and Audio PIR Camera



The Paradox Insight™ HD77 camera is a highly reliable HD video (720p in color) and high-quality audio PIR camera that delivers unlimited live HD video and audio streaming to allow users to see and hear events and activities and to protect their homes or businesses anytime, anywhere, directly from a smartphone.

In case of a security breach, the HD77 camera provides HD videos with high-quality audio of events for visual verification and reporting. When an alarm is triggered, the HD77 sends a pre-recorded video (360p) in color or black and white (night vision) to allow users and the CMS to view what triggered the alarm, generating 10 images (jpegs). User can also access HD 720p video and audio recordings, as required.

As the camera is not battery dependent, it delivers unlimited video and audio streaming, including VOD and recording options – Record on Demand (ROD) and Record on Motion (ROM) according to individual user needs. All recordings are stored on a memory card built into the module to minimize unauthorized access. The module only records audio and video when the detector sets off the alarm, or when an authorized user implements ROD.

The HD77 is uniquely user-centric and respects all privacy permissions set by a master-user. The master-user can define up to 8 authorized users to receive alarm notifications and watch live video, limited to encrypted HD 360p video sent via the web. Further, only the master-user can write protect, share, or delete files in the system.

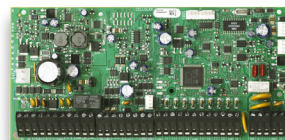
The HD77 fully complies with CE, and EN 50131 certification.

HD77 Key Features

- ▶ HD audio / video - with 360p live streaming
- ▶ Video on Demand (VOD) / Record on Demand (ROD)
- ▶ HD audio / video alarm event verification (jpg still images and H.264 video files)
- ▶ Integrated video verification alarm event reporting to the CMS (IPRS-7 / CMSI) and user (mobile app)
- ▶ Detection - high reliability PIR, auto pulse, auto dual edge, digital detector with a 110° beam spread
- ▶ HD 720p color recordings
- ▶ Three second audio / video pre-alarm
- ▶ Multiple simultaneous multimedia streams
- ▶ 1.4 mega pixel Image sensor with 1280 x 720 p HD video camera equipped with video auto gain control, white balance and auto exposure
- ▶ Zero-lux vision using high power IR LEDs
- ▶ LAN connection
- ▶ Digibus connection to the Paradox EVOHD control panel
- ▶ Event file names and video files names linked through naming convention for easy identification
- ▶ Fully compatible with the Paradox EVOHD control panel

Paradox *Insight*™

Designed for your lifestyle



EVOHD

The HD77 is compatible with the EVOHD control panel.

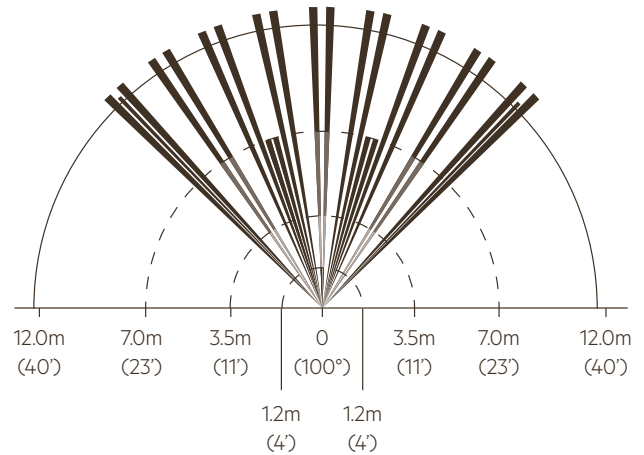
Digiplex bus connection **enables simple installation of HD77** and its integration into the security system.

Technical Specifications

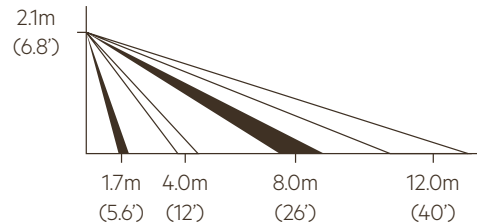
Image resolution	1280 x 720 - enables identification of individuals at a distance of up to 4 m in daylight and zero light
Streaming video	350p H.264 10 FPS
Audio	16 bit, 16KHz sampling rate, 32Kb/s mono
Detection speed	0.2m/s to 2.5m/s (0.6ft/s to 11.5ft/s)
Pre-event recording	3 seconds prior to PIR activation / alarm
Coverage	12 m x 12 m (40 ft x 40 ft) / 110°
Angle view (camera)	62.7° (V) x 91.4° (H) x 121.4° (D)
Camera storage	~ 12 Record on Demand videos, 2 minutes in length; 40 Record on Alarm / Trigger videos, 10 seconds in length
Installation height	2.1 m - 2.7 m (7ft - 9ft)
Installation options	Wall or corner, swivel bracket (optional)
Image sensor type	1.4 mega pixels, CMOS sensor
Voltage input	11.2 to 16Vdc
Current consumption	330 mA RMS
Unit size	(H x W x D), 15 cm x 7.5 cm x 5 cm (6 in x 3 in x 2 in)
Operating temperatures	-10° C to +40° C (14° F to 104° F)
Environmental	Refer to www.paradox.com for details

Detector Beam Patterns

Top View



Side View



Note: EN 50131 testing has been performed for 100° angle.

HD77 Compatibility

Control Panel

EVOHD	192-zone Control Panel	V1.11
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Software

IP Exploring Tool	IP Module Locator	V1.69
BabyWare	Installer Software	V2.5
IPRS-7 SW	IP / GPRS PC Receiver	V4.0

End-User applications

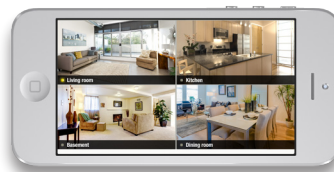
Mobile Application	iOS	V1.00
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NEware	End User Management Software	V4.25
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PC requirements (for configuration software)

Operation SW	Windows	Win. 7
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Paradox Insight™ Mobile Application:



The HD77 can be controlled remotely by the Paradox Insight™ mobile app to efficiently manage multiple secure locations with the following features:

▶ Remote Control

- Arm / disarm, panic, bypass zones, activate PGMs
- Receive event alerts by email or phone
- Manage media files

▶ Monitor Video & Audio

- Access Video On Demand, Record on Motion and Record on Demand
- Verify events
- Detailed site list enables selecting from multiple sites

▶ Compatible with iOS 6 and higher