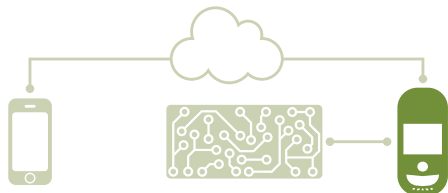


# HD77

## 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) and 10 images (jpgs) to allow users and the CMS to view what triggered the alarm. 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), Record on Motion (ROM), and Record on Trigger (ROT) 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.

Paradox *Insight*™  
Designed for your lifestyle



## HD77 Key Features

- ▶ HD audio / video - with 360p live streaming
- ▶ Video on Demand (VOD) / Record on Demand (ROD)
- ▶ Record on Trigger (ROT) - Recording is started based on a trigger received from up to four different zones. A trigger can be configured in Arm mode, disarm mode or both.
- ▶ Record on Motion (ROM) is triggered if a motion is detected by the HD77 camera. ROM is done when system is armed or disarmed
- ▶ HD audio / video alarm event verification (still images (jpgs) and H.264 video files)
- ▶ Integrated video verification alarm event reporting to the CMS (IPRS-7 / CMSI) and user (email)
- ▶ Detection - high reliability PIR, auto pulse, auto dual edge, digital detector with a 100° beam spread
- ▶ HD 720p color recordings
- ▶ 3-second audio / video pre-alarm
- ▶ Live Video Sharing: Share live streaming videos (max. 2 hours) via email with a direct link to camera(s) with up to 4 recipients
- ▶ Multiple simultaneous multimedia streams
- ▶ 1.4 mega pixel image sensor with 1280 x 720p HD video camera equipped with video auto gain control, white balance and auto exposure
- ▶ Zero-lux vision using high power IR LEDs
- ▶ LAN connection
- ▶ Digiplex bus connection to the Paradox EVOHD control panel
- ▶ Event file names and video file names linked through naming convention for easy identification
- ▶ Fully compatible with the Paradox EVOHD control panel



### EVOHD Control Panel

The HD77 is compatible with the EVOHD control panel.

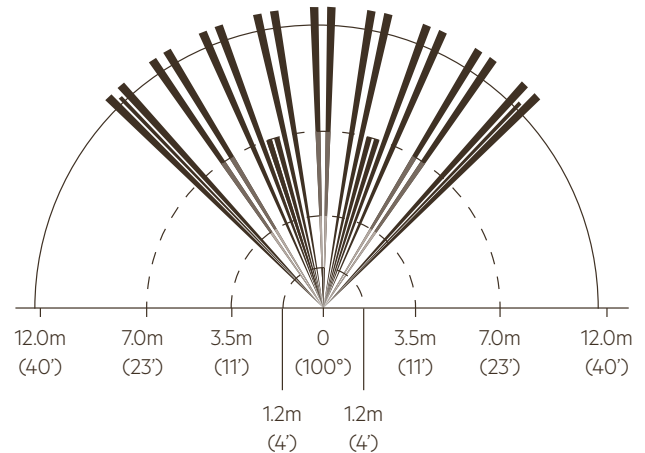
Digiplex bus connection **enables simple installation of the HD77** and its integration into the security system.

## Technical Specifications

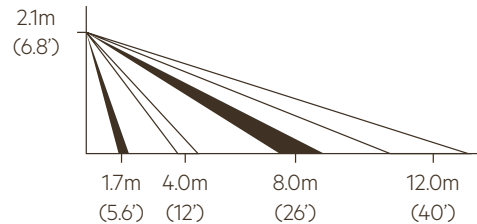
<b>Image resolution</b>	1280 x 720 - enables identification of individuals at a distance of up to 4 m in daylight and zero light
<b>Streaming video</b>	360p H.264 10 FPS
<b>Audio</b>	16 bit, 16KHz sampling rate, 32Kb/s mono
<b>Detection speed</b>	0.2m/s to 2.5m/s (0.6ft/s to 11.5ft/s)
<b>Pre-event recording</b>	3 seconds prior to PIR activation / alarm
<b>Coverage</b>	12 m x 12 m (40 ft x 40 ft) / 110°
<b>Angle view (camera)</b>	62.7° (V) x 91.4° (H) x 121.4° (D)
<b>Camera storage</b>	12 Record on Demand videos, 2 minutes in length; 40 Record on Trigger videos, 10 seconds in length
<b>Installation height</b>	2.1 m - 2.7 m (7ft - 9ft)
<b>Installation options</b>	Wall or corner, swivel bracket (optional)
<b>Image sensor type</b>	1.4 mega pixels, CMOS sensor
<b>Voltage input</b>	11.2 to 16Vdc
<b>Current consumption</b>	330 mA RMS
<b>Unit size</b>	(H x W x D), 15 cm x 7.5 cm x 5 cm (6 in x 3 in x 2 in)
<b>Operating temperatures</b>	-10° C to +40° C (14° F to 104° F)
<b>Environmental</b>	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

<b>Control Panel</b>		
<b>EVOHD</b>	192-zone Control Panel	V1.11
<b>Software</b>		
<b>BabyWare</b>	Installer Software	V2.8
<b>IPRS-7 SW</b>	IP / GPRS PC Receiver	V4.0
<b>End-User Applications</b>		
<b>Mobile Application</b>	iOS V. 6.0 or higher Android V4.1 or higher	V1.11 V1.0
<b>NEware</b>	End User Management Software	V4.3
<b>PC requirements (for configuration software)</b>		
<b>Operational SW</b>	Windows	Win. 7

## Paradox Insight™ Mobile Application:



Paradox Insight™ self-monitoring app allows immediate access to the HD77 camera(s) to efficiently manage multiple secure locations (e.g., home, office,

elderly parents' home). With the Paradox Insight mobile app, users can:

- ▶ Watch live streaming videos - unlimited from each secured site
- ▶ Manage the entire system from a mobile device, including arm/disarm, user permissions, and media files
- ▶ Leverage Video on Demand (VOD), Record on Demand (ROD), Record on Motion (ROM), or Record on Trigger (ROT) to view and record events at each secured location
- ▶ Receive and respond to alarm notifications - contact police, fire department or the CMS via a panic button inside the app
- ▶ Access system event logs to quickly verify or monitor the reason for the alarm, enabling immediate response
- ▶ **Compatible with iOS V. 6.0 or higher / Android V4.1 or higher**