

HD78F

Event-Driven Indoor Security IP Camera/Detector with HD Audio



Introduction

The HD78F Event-Driven Indoor Security IP Camera / High Grade Security Detector, provides video / audio / detection solution for Paradox security systems.

The HD78F provides day / night vision at 720p and Hi-Fi audio recording, with 40 minutes of internal event-recording capacity and 20 minutes for alarm events.

The HD78F records alarm events, sends pictures to the Central Monitoring Station (CMS) and to users. It allows permitted users to open online audio / video streaming at 720p quality. Programmed, installed and managed via Insite GOLD, it stores files in the application once played, or on Google Drive.

The Swan server provides site access 24/7. Paradox HD78F can livestream videos on a local system like CCTV cameras; also, any site camera can be used without participating in alarm functions.

Privacy is managed by the Master with the Block Access feature. As well, the CMS will be able to access online video streaming limited to 15 minutes after an alarm event.

The HD78F is easily and quickly programmed via the Paradox Insite GOLD free smartphone application. Video events and push notifications are delivered to the user's smartphone; In addition, cameras can be accessed for Video on Demand via the application.

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 consuming searches. Files provide -3 seconds pre-alarm, file lengths are 20 seconds to 3 minutes.

HD78F files are attached to the security events for easy managements. 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.

Google Drive

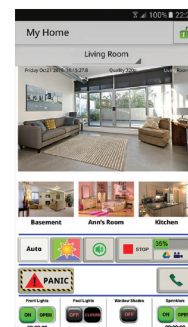
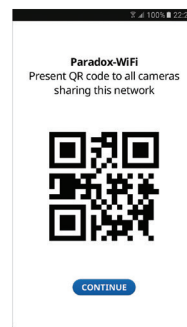


Events can be directed to your personal, free of charge Google drive. Paradox has no data stored or access to your personal videos or data.

Insite GOLD – Android, IOS



The HD78F 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. Authorized 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.



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.

HD78F Features

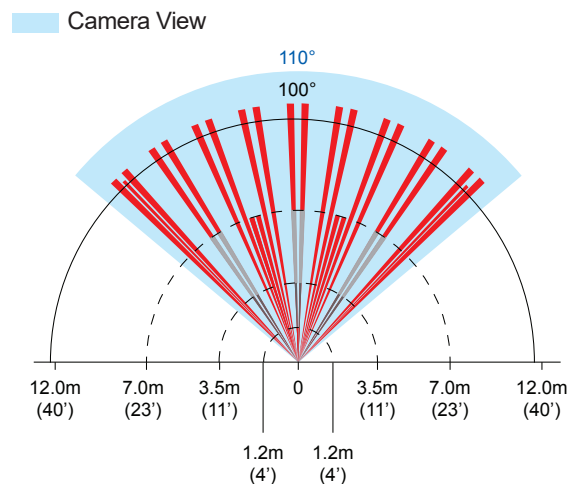
- Security Event-Driven - Files linked to events
- Wi-Fi / Ethernet
- Remote access via Insite GOLD application and Swan Service
- Google Drive cloud storage with no after-purchase charges
- 720P color streaming (HD264), HD audio 16 bit / 24 KHz
- Internal storage: 20 minutes alarm and 20 minutes Video on Demand (VOD) / Record on Trigger (ROT)
- Free Insite GOLD application
 - Easy installation and programming, viewing, arm / disarm / access and PGM activations.
- Auto storage on Insite GOLD when playing video file
- Pre-alarm -3 sec. recording
- Push notifications
- Built-in Security Grade Quad PIR detector
- Video Live Sharing - share live video streaming with up to 4 participants
- Night Illumination IR LEDs
- Can be used with HDB7 Swivel Bracket
- Compatible with Paradox Spectra SP5500, SP6000, SP7000, EVO192 and EVOHD

Technical Specifications

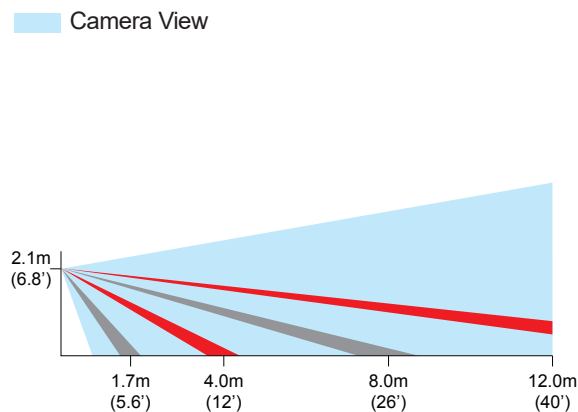
Image resolution	1280 x 720p
Image sensor type	1.4 megapixels, CMOS sensor, 7V / LUX.Sec
Streaming video	720p H.264 10 FPS
HD audio	16 bit, 24 KHz sampling rate, 32 Kb/s mono
Internet bandwidth	1 Mb/s minimum
Pre-event recording	-3.0 sec. pre-trigger
Internal storage	2 GB, 20 minutes alarm and 20 minutes ROT / VOD File length - 20 sec. 3 min. detection dependent
PIR Sensor / Lens	Quad PIR / Fresnel lens
Detection speed	0.2 to 2.5 m/s (0.6 to 11.5 ft/s)
Angle view (camera)	91° (V) x 110° (H)
Detection range	12 x 12m (40 x 40 ft) / 110°
Voltage input	12 to 16 Vdc
Current consumption	350 mA - IR illumination ON 250 mA - IR illumination OFF 100 mA - System lost AC / Battery operation
Installation height	2.1 to 2.7m (7 to 9 ft)
Installation options	Wall or corner, swivel bracket optional
Unit size	(H x W x D), 15 x 7.5 x 5 cm (6 x 3 x 2 in.)
Operating temperatures	-20 to 40° C (-4 to 104° F)

Detector Beam Patterns

TOP VIEW:



SIDE VIEW:



P R D O X™

THD78-G2K rev.03 - Printed in Canada 05/2019.

Specifications may change without prior notice. International patents may apply. Paradox is a trademark or registered trademark of Paradox Security Systems (Bahamas) Ltd.

PARADOX.COM