PARADOX™

HD78/F WiFi

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

Introduction

The HD78/F Event-Driven Indoor Security IP Camera/High Grade Security Detector, provides video/audio/detection solution for Paradox security systems.

The HD78/F 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 HD78/F 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.

Paradox DNS service provides site access 24/7. Paradox HD78/F 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 HD78/F 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.

Communications

The HD78 can be connected via Ethernet, while the HD78F can be connected via Wi- Fi, Ethernet or both. The HD78/F supports UPNP connection for supporting routers, and Paradox provides DNS connection via the ParadoxMyHome server.

Security Event-Driven

The full integration solution of the HD78/F with Paradox Security Systems allows event-based recording, the efficient video tracking compared to the lengthy overloaded data of CCTV systems. Video files are attached to security events, which avoids lengthy and annoying time-consuming searches. Files provide -3 sec. pre- alarm, with file recorded from 10 seconds up to 3 minutes, trigger dependent.

HD78/F files are attached to the security event for easy management. In case of alarm, 10 high-resolution pictures are sent to the Master and Users' Insite GOLD application and the CMS.

Internal video memory provides 20 minutes for alarm events and 20 minutes for ROT/VOD.

ParadoxMyHome DNS Service

The DNS server holds ONLY the necessary IP addresses and no other data, with no security privacy risk, nor sharing with authorities. Unlike other services, Paradox keeps no site/user data for privacy security. Paradox DNS service is reasonably annually charged in order to keep reliable and trusted access when needed.

Free Remote Drive Storage

Video files can be stored on Google Drive and such at no extra charge. User videos can stored under users' private drive with no third party access.
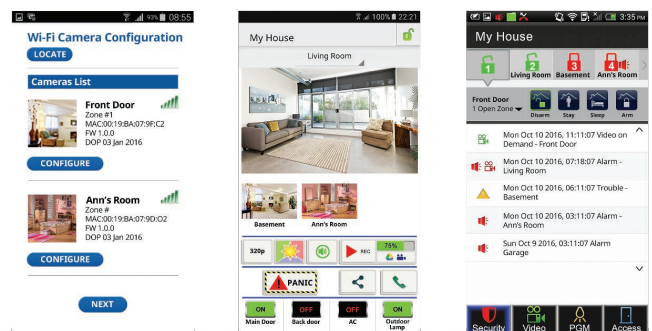
No charges for cloud services

Insite GOLD – Android, IOS

The HD78/F 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

All user access permissions are managed by the security system's Master. The Master can block all access features. ParadoxMyHome DNS service holds only IP addresses and no other data; no data can be shared with authorities. ParadoxMyHome server access is managed by email address. Data is key encrypted and managed by the system Master. The CMS has 15 minutes access to cameras after an alarm.
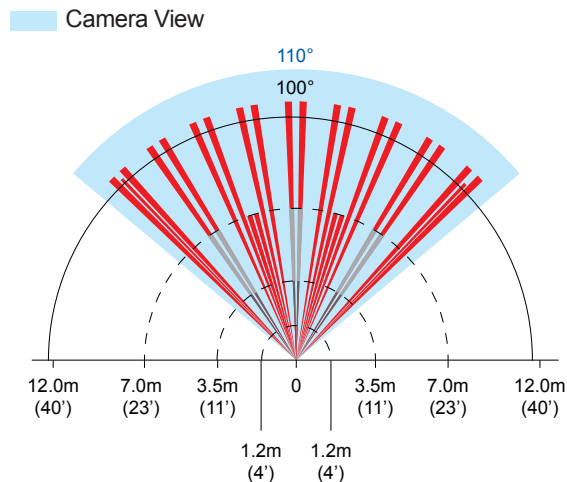
HD78/F Features

- Security Event-Driven - Files linked to events
- Models: HD78F Wi-Fi/Ethernet, HD78 Ethernet
- Remote access via Insite GOLD free application and ParadoxMyHome DNS (annual charge)
- 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
- Compatible with Paradox Spectra (SP5500, SP6000, SP7000), EVO192 and EVOHD
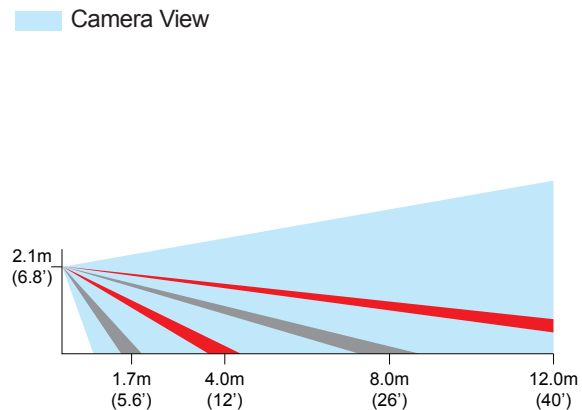
Technical Specifications

Image resolution	1280 x 720
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
Detection speed	0.2 m/s to 2.5 m/s (0.6 ft/s to 11.5 ft/s)
Pre-event recording	-3.0 sec. pre-trigger
Coverage	12 x 12m (40 x 40 ft) / 110°
Angle view (camera)	91° (V) x 110° (H)
Internal storage	20 minutes alarm and 20 minutes ROT/VOD File length - 10 sec. 3 min. detection dependent
Installation height	2.1m - 2.7m (7 ft - 9 ft)
Installation options	Wall or corner, swivel bracket optional
Voltage input	12.0 to 16.0 Vdc
Current consumption	350 mA - IR illumination ON 250 mA - IR illumination OFF 100 mA - System lost AC / Battery operation
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	-20° C to +40° C (-4° F to 104° F)

Detector Beam Patterns

TOP VIEW:

■ Camera View

| 110° |
| 100° |

| 12.0m (40') | 7.0m (23') | 3.5m (11') | 0 | 3.5m (11') | 7.0m (23') | 12.0m (40') |

1.2m (4') 1.2m (4')

SIDE VIEW:

■ Camera View

2.1m (6.8')

| 1.7m (5.6') | 4.0m (12') | 8.0m (26') | 12.0m (40') |

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