

Four-Faith Digital Video Recorder

F-DVR200

M2M 3G/4G HDD Mobile DVR



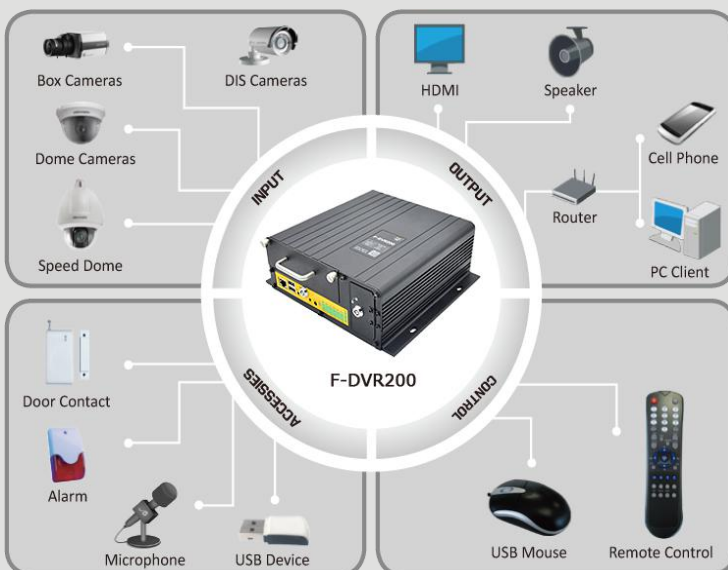
Overview

Four-Faith F-DVR200 has 8-channel industrial video encoder provides the best video quality on the market, with a smaller bandwidth requirement than other video compression standards. In addition, to meet various video stream requirements, the F-DVR200 supports dual video streams using H.264 and JPEG compression formats. In addition, the rugged industrial design, which includes a -35 to 75°C operating temperature range, IP30 form factor protection, and industrial certifications, make the F-DVR200 highly suitable for use in harsh environments.

Benefits

- Dual simultaneous H.264 and JPEG video streams.
- Built-in high speed LTE, HSPA+ support.
- HDMI output at up to 1920×1080P.
- Rich of ports: 8-channel industrial, 2 RS-232/485 serial ports, 8 ADC, 6 DI, 4 DO, Can bus, HDMI and so on.
- Power-off protection avoiding key data from loss.
- User-friendly GUI providing easy and flexible operations.

Application Example



Packing List



F-DVR200



Cellular Antenna



Video Line



Ethernet cable



Remoter



Power Line

Specifications

Video/Audio Input

Analog Video Input: 8, Dual streams, H.264 and JPEG.

Video Input Interface: 4 Aviation plug (1.0 Vp-p, 75 Ω) and 4 terminal block for expansion, PAL/NTSC self-adaptive

Audio Input : 4 Aviation Interface (linear electrical level, 1 kΩ) and 4 terminal block for expansion.

IP Video Input : 4, Max to 1080P

Video/Audio Output

- HDMI: 1 1920 × 1080p@60Hz.
- CVBS: 1 Aviation Interface (1.0Vp-p, 75 Ω), PAL 704*576.
- AV OUT : 1 Aviation Interface (linear level, 600 Ω)

External Interface

Serial ports: 2 RS-232/485 ports (15kV ESD)
 USB ports: 2 USB 2.0
 Ethernet: 1 10/100 Mbps ports (RJ45)
 GPIO: 2 Relay, 6 DI, 4 DO, 8 ADC, 1 Can bus

Alarms

- Video Motion Detection: Includes sensitivity tuning.
- Scheduling: Daily repeat timing schedule.
- Imaging: JPEG snapshots for pre/trigger/post alarm images.
- Custom Alarms: HTTP event servers for setting customized alarm actions.

Hard Disk

- Type: 2.5 inch hard disk (HDD/SSD)
- Capacity: Up to 2T for each

Encoding/Decoding parameters

- Video compression: H.264
- Encoding resolution:
 - Main stream: D1/CIF.
 - Sub-Stream: CIF/QCIF.
- Frame rate: PAL: 1 to 25fps.
- Audio compression: ADPCM.
- Stream type: Video, Video & Audio.

Option

- Wi-Fi: IEEE802.11 b/g/n, Client mode
- GNSS: SMA Female, GPS (Global Positioning System) and BDS (BeiDou Navigation Satellite System).

Operation Environment

- Operating Temperature: -35°C to +75°C / -31°F to +167°F
- Storage Temperature: -40°C to 85°C / -40°F to 185°F
- Humidity: 90% RH @ 60°C

Dimensions

- Housing & Weight: Metal, 3.22Kg
- Dimension: (L x W x H): 231 x 210 x 78 mm.
- Installation: Wall mounting on desktop.

Selection and Ordering Data

Model No.	Description
F-DVR200-W	Cellular (WCDMA/HSDPA/HSUPA/HSPA+), WI-FI(Optional), GPS(Optional)
F-DVR200-FL	Cellular (LTE/WCDMA) , WI-FI(Optional), GPS(Optional)
F-DVR200-L	Cellular (LTE) , WI-FI(Optional), GPS(Optional)

