

DHI-FSU2004H-F

Field Surveillance Unit



Features

- 4 AI (analog input 4~20mA) detectors, customize threshold definitions
- 4 on-board zones
- 3 RS485 detectors
- 1 RS232 detector
- 1 ITU-Bus, support up to 64 temperature probes (detectors)
- 1 IR control, connect with air conditioner remote control
- 2 channel relay output
- 2 channel@1080P IPC
- 1 Ethernet ports
- Support 4G/3G/2.5G (-F only)
- Local storage, 32GB memory
- Web configuration, alarm and video review
- Optional power supply DC 12V / DC-48V / DC 8~48V

System Overview

The FSU2004H-F offers premium security and environmental system monitoring. It is designed to monitor physical variables, environmental or human, that can be applied in wastewater analysis, gas analysis, aquaculture, agriculture and forestry.

The FSU2004H-F is capable of video surveillance and monitoring to record human activity enabling users to detect intrusions. It also provides temperature, humidity, door contact, vibration, smoke and so on. To protect your industrial assets from security and environmental threats.

Optional user-defined alerts.

View the user interface with a browser. Provides quick access from anywhere on a secure network.

Video storage by motion or alert.

Technical Specification

System

Main Processor	ARM Cortex A9@Max 930MHz
Operating System	Embedded LINUX

Sensor and Alarm

Analog alarm inputs	4 AI,4-20mA ,Customize threshold definitions
Digital alarm inputs	4 DI(dry contact) interface
Smoke Detector	1 smoke detector interface
RS485 inputs	3 RS485 detectors
RS232 inputs	1 RS232 detector
ITU-Bus	1 group, up to 64 temperature probes(detectors)
IR Control	1 group, connect with infrared emitter
Protocol	Modbus-RTU,Modbus-AS6CII,1363,Modbus-TCP,etc.
Alarm Outputs	2 Channel, NO/NC programmable outputs
Bell port	12V 1A, programmable bell output

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Audio and Video

IP Camera Input	2 Channel@1080P
Two-way Talk	1 Channel Input, 1 Channel Output, BNC interface 3.1W@8Ω (MP3,WMA format, <10MB)

Storage

SD card	32GB including
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Auxiliary Interface

USB	1 USB Port, for mouse,upgrade or module communication
RS232	RS232 1 Port, for PC Communication(debug)
Electric out	1 pair, 12V 1A, supply power for detector

Network

Interface	1 RJ-45 Ports (10/100Mbps)
PoE	N/A
Cellular IP modem	LTE/WCDMA/CDMA/GPRS/GSM and more
Network Function	HTTP, HTTPS, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP,SMTP, NTP, DHCP, DNS, IP Filter, PPPoE,DDNS, FTP, IP Search (Support Dahua IP camera,DVR, NVS, etc.)
Max. User Access	128 users

Electrical

Power Supply	DC 12V / DC 8~48V
Power Consumption	15W (Load power supply<30W)

Environmental

Operating conditions	-10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa,0 ~ 90% RH
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Construction

Dimensions	210mmx138mmx52mm
Net Weight	3kg(6.6 lb)
Installation	Wall mount, desktop

Ordering Information

Type	Part Number	Description
FSU	DHI-FSU2004H	Field Surveillance Unit
FSU	DHI-FSU2004H-F	Field Surveillance Unit with cellular ip network

Dimensions (mm)

