

## DS-1F05-2H Series IOT Video Gateway

### Overview

Developed on the new-generation Intel Apollo Lake J3455 processor, the DS-1F05-2H series IOT Video Gateway provides video decoding, transcoding, storage and video content analytics and establishes an intelligent network connection system. Based on the X86 architecture, the DS-1F05-2H series are compatible with the Win10 and Linux. With the hardware extendibility and software portability, the DS-1F05-2H series features high performance in decoding and network transmission, and supports the third-party development as well.



### Key Features

- HDMI and VGA output, HDMI up to 4K.
- Connectable to the network camera, network speed dome and network encoder.
- Live view, storage and playback of video.
- 8 built-in 3.5" hard disk interface available.
- 1 or 2 10M/100M/1000Mbps self-adaptive Ethernet interfaces (Hybrid model only 1).
- 4 alarm inputs and 2 alarm outputs.
- 16-ch 1080p Analog CVBS/TVI/AHD Real-time input.
- 16 PoE port 10M/100Mbps self-adaptive Ethernet interfaces at IEEE 802.3af/at.

### Model

DS-1F05-2H

DS-1F05-2H-16

DS-1F05-2H-16T



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Model	DS-1F05-2H	DS-1F05-2H-16	DS-1F05-2H-16T
<b>Hardware Performance</b>			
Processor	Apollo Lake J3455		
Memory	4GB		
Storage	2, 3.5" SATA HDDs		
	EMMC Optional		
<b>Video Input</b>			
Analog Video Input	N/A	N/A	16-ch PAL/NTSC, 1080p TVI/AHD/CVBS input
Analog Audio Input	N/A	N/A	4ch RCA (2.0 Vp-p, 1 kΩ) (Port1-4)
<b>External Interface</b>			
HDMI Output	2, resolution: 1080p, 4K		
VGA Output	1, resolution: 1920 × 1080/60Hz		
Network Interface 10M / 100M / 1000Mbps	2	2	2
POE Interface	N/A	16	N/A
USB Interface	2, USB 2.0; (Rear Panel) 2, USB 3.0; (Rear Panel)		
Audio Input / Output	Line In/Line Out(Rear Panel)		
Alarm Input / Output	4/2(Rear Panel)		
Series Port	1, RS-232(Rear Panel)		
Power Button	1		
<b>General</b>			
Power Supply	100V~240V, 50/60HZ		
Power Consumption (Without HDD)	≤ 30W	≤ 250W	≤60W
Working Temperature	0 °C ~ 45 °C		
Working Humidity	10%~90%		
Chassis	19" 1U chassis		