

## DH-783MFN



### Overview:

DH-783MFN: 3.0 Megapixel CMOS, 15fps at 3.0M and 30fps at 1080P, IR LEDs, PoE, IK10, IP66

### Features:

1/2.8" 3.0 Megapixel SONY progressive scan Exmor CMOS image sensor

High-performance TI DaVinci series DSP

H.264 video compression and JPEG image capture

15fps at 3.0M(2048x1536) and 25/30fps at 1080P resolution

Dual encoding streams supported

Support ICR true Day/Night

Built-in 4.5~10mm/F1.6 CS Auto Iris lens

Built-in high-performance IR LEDs(10~20m)

Support Alarm I/O, RS485 interface

Support up to 32GB Micro SD card for local storage

Support DC12V/AC24V dual power supply, POE

IK10-rated Vandal-proof & IP66 Water-proof

Built-in web server, DVR, NVR

## Specifications

<b>Model</b>	DH-783MFN
<b>Processor</b>	TI DaVinci Series DSP
<b>Operating System</b>	Embedded LINUX
<b>Resource</b>	Simultaneous remote monitoring, local recording and remote control
<b>User Interface</b>	WEB, DVR, NVR
<b>Image Sensor</b>	1/2.8" 3.0 Megapixel SONY progressive scan Exmor CMOS
<b>Effective Pixels</b>	2096(H)x1561(V)
<b>Electronic Shutter</b>	Auto/Manual, 1/50~1/10000s(PAL); 1/60~1/10000s(NTSC)
<b>Mini. Illumination</b>	0.2LUX/F1.6(Color), 0.01LUX/F1.6(B/W), 0LUX(IR on)
<b>Signal Noise Ratio</b>	>50dB
<b>Gain Control</b>	Auto/Manual
<b>White Balance</b>	Auto/Manual
<b>Day/Night</b>	ICR
<b>Lens</b>	CS mount, Auto Iris, 4.5~10mm /F1.6
<b>IR LEDs</b>	10~20 meters
<b>Video Compression</b>	H.264/JPEG
<b>Image Resolution</b>	3.0M(2048x1536) / 1080P(1920x1080) / 720P(1280x720) / D1(PAL: 704x576; NTSC: 704*480) / CIF(PAL: 352x288; NTSC: 352x240) / VGA(640x480)
<b>Encoding Speed</b>	Main Stream: 3.0M(1~15fps), 1080P/720P/ D1/CIF/ VGA(1~30fps) Extra Stream: D1/CIF (1~30fps)
<b>Bit Rate</b>	160K~8Mbps
<b>Snapshot</b>	Fastest 1fps JPEG capture
<b>Video Format</b>	NTSC
<b>Analogue Video Output</b>	1 channel BNC(1.0Vp-p, 75ohm)
<b>Audio Compression</b>	G.711a / G.711u / PCM
<b>Bit Rate</b>	64kbps/128kbps
<b>Input</b>	1 channel RCA
<b>Output</b>	1 channel RCA
<b>Ethernet</b>	RJ-45 (10/100Base-T)
<b>Network Functions</b>	HTTP, TCP/IP, ICMP, RTSP, RTP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server
<b>Remote Operation</b>	Monitor, PTZ control, Playback, System setting, File download, Log information, Maintenance & Upgrade
<b>MicroSD Card</b>	Max 32GB, local storage
<b>RS485</b>	PTZ control
<b>Alarm</b>	2 Input / 1 Output
<b>Power Supply</b>	DC12V/AC24V, PoE
<b>Power Consumption</b>	<10W
<b>Ingress Protection</b>	IK10 & IP66
<b>Operating Environment</b>	-10C ~ +60C, 10%~90%
<b>Dimension</b>	160mmx118.5mm
<b>Weight</b>	1.25kg