

Leopard Network Camera Module

Model: LNC-M10xxx-IMX036



LEOPARD IMAGING INC.

High Definition Embedded Camera Leader

LNC-M10xxx-IMX036 camera module is a full HD network camera solution, it is ready for production and it supports H.264, MPEG4 and MJPEG video format outputs with high definition video (1920 x 1080p 30 frames/s).

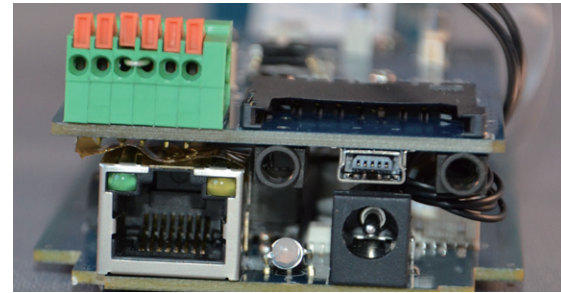
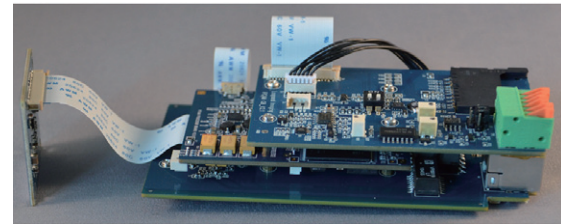
The image process module supports noise filters (NS), wide dynamic range (WDR), auto-enhancement and lens distortion correct (LDC). All of the features provide high quality images even in dark and shake environments.

Embedded motions detect, face detects, face recognition and privacy area mask provide an advanced surveillance system.

LNC-M10xxx-IMX036 camera module is compatible with PSIA and can easily be integrated with other systems.

Features

- 30 frames per second @1080P 
- single/double/triple media combo output
- video stabilization
- face detect, face recognition
- motion detect, motion alarm
- image enhance, digital WDR
- compatible with PSIA standard 
- optional PoE support
- optional Wi-Fi module
- optional Day/Night IR cutting auto-switch
- product level module, ready for production



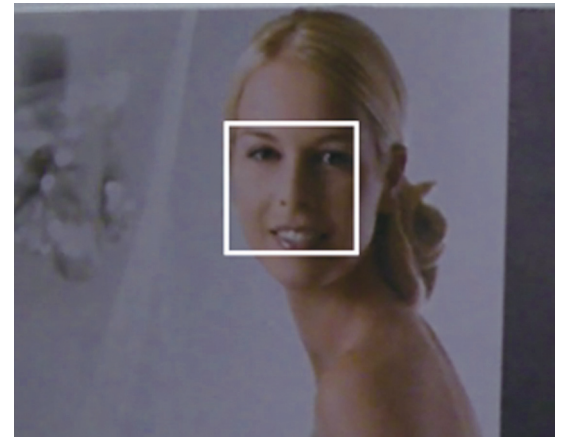
HD, more view area

View area in 1080p is Full HD and double 720P.



Face Recognition

The Leopard Network Camera can accommodate 30 frames per second to provide prompt results for locating and recognizing the human face.



Feature List

Image Input

Sensor	SONY 1/2.8" CMOS
Day/Night	Auto switch (Optional Feature)
WDR	Digital WDR
Active pixels	2048 (H) x 1536 (V)
e-shoot	1/2 to 1/10,000
Enhance	Auto Enhance
Exposure	Auto Exposure
White Balance	Auto WB
Noise Filter	Configurable Enable/Disable
Video Stabilization	Configurable Enable/Disable
Lens	Fix focus, IRIS support, C/CS mount lens support

Image Process

Resolution	1920x1080,1280x720,D1,SXVGA
Format	H.264, MPEG-4, JPEG
Frame Rate	H264/MPEG-4: 30f/s

Smart Imaging

Motion Detect	Yes
Face Detect	Yes
Face Recognition	Yes

Audio

Format	G.711
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Network

Protocols	TCP/IP, HTTP, FTP (client/server), SMTP, DHCP, DNS, NTP, RTP/RTCP
Wireless	Yes (Optional Feature)
IP Protocol	PSIA
Authentication	IEEE802.1X
UPnP	Yes
Zero-config	Yes

Interfaces

Network	10BASE-T/100BASE-TX (RJ-45)
Serial Port	RS-485 (PELCO-D protocol)
Extention Storage	SD card x1
USB	MiniB USB
Alarm In/Out	One channel Input,one channel Output
Audio Input	3.5MM Input
Audio Output	3.5MM Output

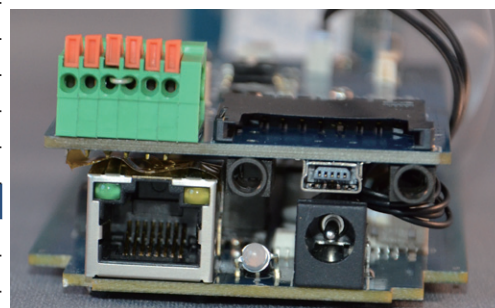
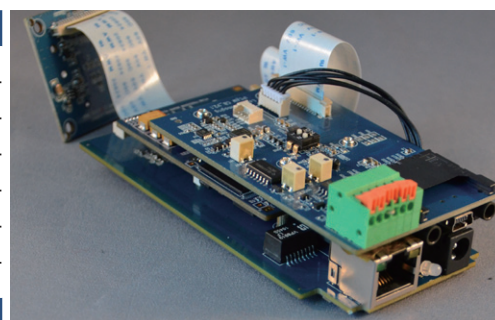
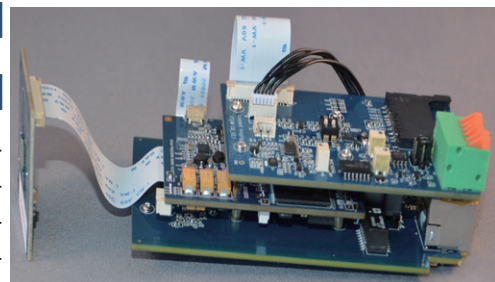
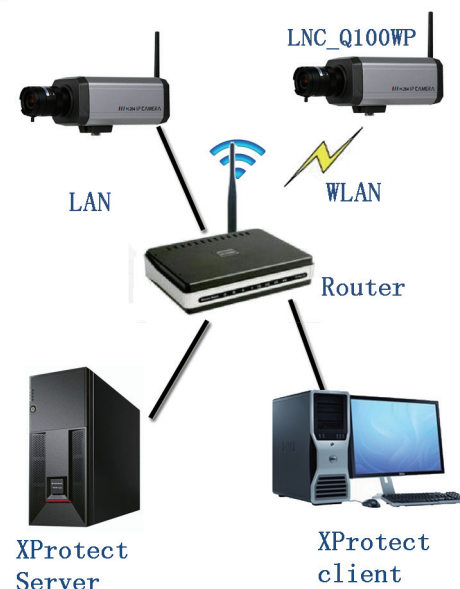
Work Environment

Weight	348 gram
Size	113.3mm*57.6mm*32.2mm
Power Supply	PoE(Optional) or DC12V
Power Consuming	<3w
Temperature	-20°C ~ 45°C
Humidity	10% ~ 80% no condense

Survellian Software

OS	Microsoft Windows 98/2000/XP/Vista/Win7
Browser	Internet Explorer6.0 or above
Record Software	Milestone xprotect (3rd software)

System Architecture



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