

# Multipix Product Specification

## MP-HD500

### H.264 Full HD Full Frame Rate IP Mini Dome Camera

#### Product Key Features:

- Full HD Full Frame Rate 1080p 30fps
- 2M CMOS Image Sensor Progressive Scan
- 10x Optical zoom
- Day / Night, WDR
- Bi-directional audio
- PoE embedded
- Vandalproof housing
- **Hybrid full HD 1080p video (IP+HDSDI ) option**



MP-HD500 is the cost effective high definition camera H.264 1080p IP video, it uses standard H.264 to compress five megapixels progressive scan CMOS video image at the Blu-Ray DVD quality in full motion FULL HD 1080p video at 4Mbps in maximum! Beside, MP-HD500 has the HDSDI interface, and can output HDSDI directly.

#### MP-HD500 Applications:

- HDTV City Surveillance
- HDTV Environmental Surveillance
- Traffic Monitoring
- HD Video Conferencing
- HD IPTV
- HD Online Broadcasting
- HD Distance Learning
- HD Distance Medical



# Multipix Technical Specification

## Digital Video Processor:

Compression Technology	: Dual Streaming (H.264/MJPEG or H.264/H.264)
Frame Rate	: 30fps adjustable
Video Protocol	: TCP/IP, UDP, Multicast, DHCP, SMTP, HTTP, DDNS, SNMP, FTP, RTP, RTSP
CPU	: 240 MHZ ARM926
Camera Access	: 10 users
Bit Rate	: 32Kbps ~ 8Mbps
Video Size	: 1920*1080/1280*720/720*576/352*288
Audio	: Bi-directional, 32Kbps MP3

## Camera System:

Image Sensor	: 1/2.5" CMOS Image sensor
Effective pixels	: 2 megapixels
Lens	: 10x optical zoom with Auto-focusing
SYNC System	: Internet
Focus Length	: f=4.5~45.0mm
IRIS	: F1.8~2.2
Minimum Illumination	: 6 Lux (F1.8/50IRE/TV=1/30 sec, 1920x1080 movie)
Shutter Time	: 1/5 ~ 1/4000 sec.
Angle of View	: 56.6( Wide) ~ 6.2 (Tele )
Exposure	: Flicknerless, Metering, Mode, Apertue, Shutter Speed, Brightness
White Balance	: auto/daylight/cloudy/shade/fluorescent lamp W (white) / fluorescent lamp N (Natural) / fluorescent lamp D (daylight) / tungsten/custom / manual
Motion Detection	: On/Off

## Environmental:

LAN Ports	: 10/100 BASE-T, RJ45, 1ea
Operation Temperature	: -30° ~ 80°
Operation Humidity	: within 95% RH
Power Supply	: PoE embedded / 12V
Dimension	: 118(W)*118(L)*95(H)mm
Weight	: 1.5kg
Connectors	: RJ45 for IP Connection; BNC for HDSDI (option)

