



4ch. Embedded NVR (Network Recorder)

The Era of Plug n Play NVR !



- A-MTK PPS™: **Plug n Play Switch**
 - ✓ Built in switch. Plug IP cameras to NVR without IP search and setting
- No PC required. NVR connect to VGA or HDMI monitor (local video output)
- Graphic UI design. One mouse control every function
- Remote server function: Connect to NVR live view via IE browser
- The most powerful but economy NVR! Triplex multi-task (live view & recording & setting)

Hardware Specification

Model	4CH NVR
LAN Port	5 x 10/100M RJ-45 Ethernet port
Video Output	1* VGA D-sub 1* HDMI
Display Resolution	1024x768
Live View	1.3M (each channel)
Playback	4ch. Playback simultaneously
Audio Input	MIC x 1 (phone jack 3.5mm)
Audio Output	Phone Jack 3.5mm x 1
HDD	SATAII HDD Up to 2TB (1pc HDD)
Backup	SD card x 1
LED Indicator	System Ready, HDD R/W, LANx5



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USB
Button
Multi-task
Easy Install
Remote Function
Power
Temperature
Humidity
Certification

For Mouse only

Factory Default Reset

Triplex (live view & recording & setting)

Auto config. 4ch. IP address

Internet Explorer™

External Adaptor, AC100-240V/in, DC12V(3A)

0~40°C

0%~85% R.H.

CE, FCC



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Key Features :

Feature	Description
Support Cameras	Up to 4ch. IP Cameras
Video Codec	H.264
Audio Codec	G.726 / G. 711
Resolutions	SXGA / VGA / QVGA (4ch. Constant Record in SXGA resolution)
Audio	<ul style="list-style-type: none">● Volume adjustable / Mute● Two way audio
Live Preview	<ul style="list-style-type: none">● Support 1 / 4 division● Full screen
Digital Zoom / ePTZ	<ul style="list-style-type: none">● Google earth like digital zoom
PTZ	<ul style="list-style-type: none">● Support PTZ cameras● Digital zoom (Google™ style)● PTZ / Preset / Tour / Auto pan / Iris / Focus
Record	<ul style="list-style-type: none">● Schedule recording each camera● Round the clock / motion record modes● Pre-alarm / Post-alarm configuration● Auto recycle record files by HDD spaces
Playback	<ul style="list-style-type: none">● One channel . Max. SXGA resolution● Full-screen● Graphical interface● Play / Reverse / Pause / Seek / Pre frame / Next Frame● Speeds: 1/4 , 1/2 , 1 , 2 , 4 , 8 , 16 , 32● Volume control , live / playback audio switch● Convert to AVI (save to SD card)
User authentications	<ul style="list-style-type: none">● User management (multi-layer)● Function permissions
Camera setting	<ul style="list-style-type: none">● DVR like(auto setting)● Auto Search● Profile selectable
Schedule setting	<ul style="list-style-type: none">● Graphical interface● Weekly schedule
Network	<ul style="list-style-type: none">● Fixed IP / DHCP / PPPOE
System time	<ul style="list-style-type: none">● Manual setting



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	<ul style="list-style-type: none"> ● NTP support
Motion detection	<ul style="list-style-type: none"> ● Detection windows setting (Max 10 windows. Same as IP cam detection window) ● Sensitivity adjust
Maintenance	<ul style="list-style-type: none"> ● Reset default ● Backup / Restore setting ● Firmware upgrade ● System Restart ● HDD / SD format

II. Detail description:

Main Page :

Feature	Description	Remark
Cameras	4 Cameras	
Live preview	<ul style="list-style-type: none"> ● Support 1 / 4 division ● Full screen 	
Digital zoom	<ul style="list-style-type: none"> ● Zoom in / zoom out by mouse wheel ● Move image by mouse drag 	
System Information	<ul style="list-style-type: none"> ● Date / Time ● Available HDD space ● Recording status 	
Camera Information	<ul style="list-style-type: none"> ● Camera Name 	
PTZ Control (By Camera support)	<ul style="list-style-type: none"> ● PTZ ● Auto pan ● Focus ● Iris ● Preset ● Tour 	
Audio	<ul style="list-style-type: none"> ● Switch Mute status ● Volume adjust 	
Monitor Keyboard	<ul style="list-style-type: none"> ● For User key-in 	
System Setting	<ul style="list-style-type: none"> ● Define as below 	
History Playback	<ul style="list-style-type: none"> ● Define as below 	

System Setting:

Function	Description	Remark
IP Camera Setting	<ul style="list-style-type: none"> ● Auto setting ● Camera name ● IP ● MAC(display) ● HTTP port ● RTSP port ● Select profile ● Login name ● Login password ● Auto Search ● Audio enable / Audio record enable ● Connect type(TCP / HTTP) ● Streaming FPS 	
Recording Setting	<ul style="list-style-type: none"> ● Weekly schedule ● Record section by minute ● Round the clock / motion / no record ● Pre-alarm / Post-alarm second setting 	
Network Network	<ul style="list-style-type: none"> ● MAC address ● DHCP ● Fix IP address ● IP address check 	
Network PPPOE	<ul style="list-style-type: none"> ● PPPOE Enable / Disable ● Login User Name ● Login Password ● Display <ul style="list-style-type: none"> ● IP address ● Sub Mask ● Gateway ● Status 	
System System	<ul style="list-style-type: none"> ● Display S/W version ● Display Title ● Auto login setting ● Auto full-screen setting ● Audio Input / Output gain setting 	
System DateTime	<ul style="list-style-type: none"> ● Display System Time ● Synchronize from NTP / Manual Set 	



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	<ul style="list-style-type: none"> ● NTP Server Setting ● Time zone setting ● Daylight saving setting 	
Maintenance	<ul style="list-style-type: none"> ● Reset Default ● Backup Setting ● Restore Setting ● Update F/W ● System Restart ● HDD format ● SD format 	
User	<ul style="list-style-type: none"> ● User Account setting ● Function permission setting 	
Motion detection	<ul style="list-style-type: none"> ● Detect windows setting(Up to 10) ● Alarm object size ● Alarm sensitivity ● Detect result display 	

Playback:

Feature	Description	Remark
Cameras	<ul style="list-style-type: none"> ● 1 CH 	
Record Search	<ul style="list-style-type: none"> ● Graphical interface ● Search by time , cameras 	
Display	<ul style="list-style-type: none"> ● Division 1 / Full-screen 	
Digital zoom	<ul style="list-style-type: none"> ● Zoom in / zoom out by mouse wheel ● Move image by mouse drag 	
Playback Information	<ul style="list-style-type: none"> ● Playback Time ● Playback Speed ● Playback Status 	
Play	<ul style="list-style-type: none"> ● Play forward / Reverse / Pause / Stop ● Previous I frame / Next frame / Seek by slider bar ● Speeds: 1/4 , 1/2 , 1 , 2 , 4 , 8 , 16 , 32 ● Volume control , live / playback audio 	



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	switch	
	● Convert to AVI	
Volume control	● Volume adjustable ● live / playback audio switch ● Mute status switch	
Convert / Backup	● Convert to AVI by Graphical search	
Exit	● Leave Playback	

III. Support List :

AMTK V5 series IP Camera 、 Video server