



DVR Stand alone

Main Features

- H.264 Standard Compression Format
- 16 Channel simultaneous Realtime Playback
- Each channel at CIF Realtime Recording
- HDMI/TV(BNC)/VGA/ synchronous video output
- Live, Recording, Playback, Backup and Remote Access
- 18 users online with professional authority management
- Dual encoding streams supported
- Smart video detection: MD, camera blank, video loss
- Easy backup: USB devices, CD/DVD

UC-3216H8 - XT

32 Ch. H.264 CIF Realtime DVR

















Embedded Linux	Feature	Specification
Pentaplex Functions: live, Recording, Playback, Backup & Remote access Joser Interface GUI Front panel, USB Mouse, Control Keyboard, IR Remote control, Network Keyboard //dec Dutput 32 Ch., BNC, 1.0Vp - p., 75Ω //deb Output 1 channel //deb Output 1 channel //deb Standard 960(NTSC)/800(PAL)/ps //deb Standard 960(NTSC)/800(PAL)/ps //deb Standard 1024*768 //deb Recording 1-25/30fps@CIF //deb Resolution 1024*768 //deb Recording 1-25/30fps@CIF //deb Resolution Network stream: 1-6/7/ps@CIF //deb Resolution 16 Ch. //deb Recording 1-25/30fps@CIF //deb Resolution 16 Ch. //deb Recording 1-25/30fps@CIF //deb Resolution Network stream: 1-6/7/ps@CIF //deb Resolution 16 Ch. //deb Recording 1-25/30fps@CIF //deb Resolution 17 Ch. //deb Resolution 18 Input 16 Ch. //deb Resolution 18 Input 18	Processor	High Performance Embedded Microprocessor
Ser Interface GUI	Operating System	Embedded Linux
Front panel, USB Mouse, Control Keyboard, IR Remote control, Network Keyboard fideo Input 3 Ch., BNC, 1.0Vp -p. 75Ω 1 channel fideo Cutput 1 channel fideo Resolution 1024*768 fideo Input 10 Ch. Stata Stream Network stream: 1-6/7fps@CIF full and Multiple Screen Display, 1/4/8/9/16/36 fideo Display Split Full and Multiple Screen Display, 1/4/8/9/16/36 fideo Input 10 Ch. Sid directional Talk Input 11 Ch. Sid directional Talk Input 12 Ch. Sid Marm Input 13 Ch. Sid Marm Output 14 Ch. Sid Marm Output 15 Ch. Sid Marm Output 16 Ch. Sid Marm Output 17 Ch. Sid Marm Output 18 Ch. Sid Marm Output 19 Ch. Sid Marm Output 10 Ch. Sid Marm Output 10 Ch. Sid Marm Output 10 Ch. Sid Marm Output 11 Ch. Sid Marm Output 12 Ch. Sid Marm Output 13 Ch. Sid Marm Output 14 Ch. Sid Marm Output 15 Ch. Sid Marm Output 16 Ch. Sid Marm Output 16 Ch. Sid Marm Output 17 Ch. Sid Marm Output 18 Sata Ports, Max 2TB per port, 2 e SATA Port 19 Coptional 10 Display Split 10 Disp	System Resources	Pentaplex Functions: live, Recording, Playback, Backup & Remote access
ideo Input 32 Ch., BNC, 1.0Vp −p, 75Ω ideo Output 1 channel ideo Standard 960(NTSC)/800(PAL)fps Compression H.264 Compression H.264 ideo Recording 1−25/30fps⊚CIF Extra Stream Network stream: 1−6/7fps⊚CIF Extra Stream Network stream: 1−6/7fps⊚CIF ideo Risplay Split Full and Multiple Screen Display, 1/4/8/9/16/36 ideo Input 16 Ch. Si directional Talk Input Yes ideo Output 1 Ch. Narm Input 16 Ch. Narm Input 16 Ch. Narm Input 16 Ch. Narm Output 4 Ch. S SATA Ports, Max 2TB per port, 2 e SATA Port DC/DVDRW Optional HDD Hibernation technology, HDD faulty alarm and RAID (Redundancy) Recording Mode Schedule, Manual, Motion, Sensor Rearch Mode Time, Event, File Management, Image(snapshot) Recording Mode Flash disk, USB HDD, USB CD/DVDRW, network download Recording Mode Flash disk, USB HDD, USB CD/DVDRW, network download Recording Mode Flash disk, USB HDD, USB CD/DVDRW, network download Recording Mode Flash disk, USB HDD, USB CD/DVDRW, network download Recording Mode Flash disk, USB HDD, USB CD/DVDRW, network download Recording Mode Flash disk, USB HDD, USB CD/DVDRW, network download Recording Mode Flash disk, USB HDD, USB CD/DVDRW, network download Recording Mode Flash disk, USB HDD, USB CD/DVDRW, network download Recording Mode Flash disk, USB HDD, USB CD/DVDRW, network download Recording Mode Flash disk, USB HDD, USB CD/DVDRW, network download Recording Mode Flash disk, USB HDD, USB CD/DVDRW, network download Recording Mode Flash disk, USB HDD, USB CD/DVDRW, network download, log information Recording Mode SuperCam/pro/HD for iPad/iPad2/iPhone/Blackberry/Android/Symbian/Windows mobile Recording The Mode SuperCam/pro/HD for iPad/iPad2/iPhone/Bla	User Interface	GUI
I channel fideo Standard 960(NTSC)/800(PAL)fps 1024°768 //ideo Resolution 1024°68 //ideo Resolution 1024°568 //ideo Resolution 1024°568 //ideo Resolution 1024°568 //ideo Display Split Full and Multiple Screen Display, 1/4/8/9/16/36 Network stream: 1-6/7fps@CIF //ideo Display Split Full and Multiple Screen Display, 1/4/8/9/16/36 Nuclio Input 16 Ch. Nuclio Input 16 Ch. Nultiple Screen Display, 1/4/8/9/16/36 Nuclio Input 16 Ch. Nultiple Screen Display, 1/4/8/9/16/36 Nuclio Output 1 Ch. Nultiple Screen Display, 1/4/8/9/16/36 Nuclio Output 1 Ch. Nultiple Screen Display, 1/4/8/9/16/36 Nultiple Screen Display, 1/4/	Control Devices	Front panel, USB Mouse, Control Keyboard, IR Remote control, Network Keyboard
Action Standard 960(NTSC)/800(PAL)fps Compression H.264 Compression H.264 Compression 1024*768 Compression	Video Input	32 Ch., BNC, 1.0Vp -p, 75Ω
H.264 //deo Resolution 1024*768 //deo Recording 1~25/30fps@CIF //deo Recording 1/48/9/16/36	Video Output	1 channel
Indee Resolution 1024*768 Indee Recording 1~25/30fps@CIF Indee Recording 16 Ch. Indee Recording Indee Re	Video Standard	960(NTSC)/800(PAL)fps
Action Seconding 1~25/30fps@CIF Extra Stream Network stream: 1~6/7fps@CIF Full and Multiple Screen Display, 1/4/8/9/16/36 Action Display Split Full and Multiple Screen Display, 1/4/8/9/16/36 Action Display Split Full and Multiple Screen Display, 1/4/8/9/16/36 Action Display Split Full and Multiple Screen Display, 1/4/8/9/16/36 Action Display Split Full and Multiple Screen Display, 1/4/8/9/16/36 Action Display Split Full and Multiple Screen Display, 1/4/8/9/16/36 Action Display Split Full and Multiple Screen Display, 1/4/8/9/16/36 Action Display Split Full and Multiple Screen Display, 1/4/8/9/16/36 Action Display Split Full and Multiple Screen Display, 1/4/8/9/16/36 Action Display Split Full and Multiple Screen Display, 1/4/8/9/16/36 Action Display Split Full and Multiple Screen Display, 1/4/8/9/16/36 Action Display Selected Zone Action Display Selected Display Selected Zone Can Zoom Into full screen during live & playback Action Display Selected Zone Can Zoom Into full screen during live & playback Action Display Selected Zone Can Zoom Into full screen during live & playback Action Display Selected Zone Can Zoom Into full screen during live & playback Action Display Selected Zone Can Zoom Into full screen during live & playback Action Display Selected Zone Can Zoom Into full screen during live & playback Action Display Selected Zone Can Zoom Into full Screen during live & playback Action Display Selected Zone Can Zoom Into full Screen during live & playback Action Display Selected Zone Can Zoom Into full Screen during live & playback Action Display Selected Zone Can Zoom Into full Screen during live & playback Action Display Selected Zoom Can Zoom Into full Screen during live & playback Action Display Selected Zoom Can Zoom Into full Screen during live & playback Action Display Selected Zoom Can Zoom Into full Screen during live & playback Action Display Selected Zoom Can Zoom Into full Screen during live & playback Action Display Selected Zoom Can Zoom Into full Screen during live Selected Zoom Can Zoom Into f	Compression	H.264
Network stream: 1-6/7fps@CIF Full and Multiple Screen Display, 1/4/8/9/16/36 Audio Input 16 Ch. Bi directional Talk Input Yes Audio Output 1 Ch. Alarm Input 16 Ch. Alarm Output 4 Ch. Alarm Output 4 Ch. Alarm Output Dibik B SATA Ports, Max 2TB per port, 2 e SATA Port DIVDRW Optional HDD Hibernation technology, HDD faulty alarm and RAID (Redundancy) Schedule, Manual, Motion, Sensor Fine, Event, File Management, Image(snapshot) Palyback 16 Ch. Selected zone can zoom into full screen during live & playback Backup Mode Flash disk, USB HDD, USB CD/DVDRW, network download 1 RJ45 x 1 USB 2.0 x 1 RS485 Gerocols TCP/IP, DHCP, DDNS, NTP, SMTP Remote Operations Monitor, PTZ control, playback, system setting, file download, log information Power Supply 100VAC~240VAC Power Consumption Working Temp 0 ~50 B	Video Resolution	1024*768
Full and Multiple Screen Display, 1/4/8/9/16/36 Audio Input 16 Ch. Audio Input 16 Ch. Audio Output 1 Ch. Alarm Input 16 Ch. Alarm Output 4 Ch. Alard Disk 8 SATA Ports, Max 2TB per port, 2 e SATA Port D/D/D/DRW Optional HDD Hibernation technology, HDD faulty alarm and RAID (Redundancy) Schedule, Manual, Motion, Sensor Flearch Mode Time, Event, File Management, Image(snapshot) Jayback 16 Ch. Selected zone can zoom into full screen during live & playback Jackup Mode Flash disk, USB HDD, USB CD/DVDRW, network download Interface Ports 1 RJ45 x 1 USB 2.0 x 1 RS488 Jackup Mode TCP/IP, DHCP, DDNS, NTP, SMTP Alemote Operations Monitor, PTZ control, playback, system setting, file download, log information Working Temp Working Temp Joy ~50 MI	Video Recording	1~25/30fps@CIF
Audio Input 16 Ch. 8i directional Talk Input Ves Audio Output 1 Ch. Alarm Input 16 Ch. Alarm Output 4 Ch. Alarm Output 4 Ch. Alard Disk 8 SATA Ports, Max 2TB per port, 2 e SATA Port D/DVDRW Optional HDD Hibernation technology, HDD faulty alarm and RAID (Redundancy) Secording Mode Schedule, Manual, Motion, Sensor Flacerch Mode Time, Event, File Management, Image(snapshot) 16 Ch. Soligital Zoom Selected zone can zoom into full screen during live & playback Sackup Mode Flash disk, USB HDD, USB CD/DVDRW, network download Interface Ports 1 RJ45 x 1 USB 2.0 x 1 RS485 SuperCam/pro/HD for iPad/iPad2/iPhone/Blackberry/Android/Symbian/Windows mobile Trotocols TCP/IP, DHCP, DDNS, NTP, SMTP Monitor, PTZ control, playback, system setting, file download, log information Power Supply 100VAC~240VAC Power Consumption Working Temp 1 Ch. 1	Extra Stream	Network stream: 1~6/7fps@CIF
is directional Talk Input Audio Output 1 Ch. Alarm Input 16 Ch. Alarm Output 4 Ch. Alarm Output 4 Ch. Alard Disk 8 SATA Ports, Max 2TB per port, 2 e SATA Port CD/DVDRW Optional HDD Hibernation technology, HDD faulty alarm and RAID (Redundancy) Secording Mode Schedule, Manual, Motion, Sensor Search Mode Time, Event, File Management, Image(snapshot) Palyback 16 Ch. Selected zone can zoom into full screen during live & playback Sackup Mode Flash disk, USB HDD, USB CD/DVDRW, network download Interface Ports 1 RJ45 x 1 USB 2.0 x 1 RS485 SuperCam/pro/HD for iPad/iPad2/iPhone/Blackberry/Android/Symbian/Windows mobile TCP/IP, DHCP, DDNS, NTP, SMTP Remote Operations Monitor, PTZ control, playback, system setting, file download, log information Power Supply 100VAC~240VAC Power Consumption Working Temp 0 ~50 \(\text{SO} \)	Video Display Split	Full and Multiple Screen Display, 1/4/8/9/16/36
Audio Output 1 Ch. Alarm Input 16 Ch. Alarm Output 4 Ch. Alard Disk 8 SATA Ports, Max 2TB per port, 2 e SATA Port CD/DVDRW Optional HDD Hibernation technology, HDD faulty alarm and RAID (Redundancy) Schedule, Manual, Motion, Sensor Search Mode Time, Event, File Management, Image(snapshot) Playback 16 Ch. Digital Zoom Selected zone can zoom into full screen during live & playback Sackup Mode Flash disk, USB HDD, USB CD/DVDRW, network download Interface Ports 1 RJ45 x 1 USB 2.0 x 1 RS485 GS SuperCam/pro/HD for iPad/iPad2/iPhone/Blackberry/Android/Symbian/Windows mobile Protocols TCP/IP, DHCP, DDNS, NTP, SMTP Remote Operations Monitor, PTZ control, playback, system setting, file download, log information Power Supply 100VAC~240VAC Power Consumption 40W Working Temp 0 8 ~50 8	Audio Input	16 Ch.
Alarm Input 16 Ch. Alarm Output 4 Ch. Alard Disk 8 SATA Ports, Max 2TB per port, 2 e SATA Port LD/DVDRW Optional HDD Mibernation technology, HDD faulty alarm and RAID (Redundancy) Recording Mode Schedule, Manual, Motion, Sensor Flack Mode Time, Event, File Management, Image(snapshot) Payback 16 Ch. Digital Zoom Selected zone can zoom into full screen during live & playback Plash disk, USB HDD, USB CD/DVDRW, network download It RJ45 x 1 USB 2.0 x 1 RS485 SuperCam/pro/HD for iPad/iPad2/iPhone/Blackberry/Android/Symbian/Windows mobile Protocols TCP/IP, DHCP, DDNS, NTP, SMTP Remote Operations Monitor, PTZ control, playback, system setting, file download, log information Power Supply 100VAC~240VAC Power Consumption Working Temp 08 ~50 8	Bi directional Talk Input	Yes
Alarm Output 4 Ch. Hard Disk 8 SATA Ports, Max 2TB per port, 2 e SATA Port CD/DVDRW Optional HDD Hibernation technology, HDD faulty alarm and RAID (Redundancy) Schedule, Manual, Motion, Sensor Search Mode Time, Event, File Management, Image(snapshot) Playback 16 Ch. Selected zone can zoom into full screen during live & playback Backup Mode Flash disk, USB HDD, USB CD/DVDRW, network download Interface Ports 1 RJ45 x 1 USB 2.0 x 1 RS485 SuperCam/pro/HD for iPad/iPad2/iPhone/Blackberry/Android/Symbian/Windows mobile Protocols TCP/IP, DHCP, DDNS, NTP, SMTP Monitor, PTZ control, playback, system setting, file download, log information Power Supply 100VAC~240VAC Working Temp 00 ~50 \overline{1}	Audio Output	1 Ch.
Alard Disk 8 SATA Ports, Max 2TB per port, 2 e SATA Port CD/DVDRW Optional HDD Hibernation technology, HDD faulty alarm and RAID (Redundancy) Schedule, Manual, Motion, Sensor Gearch Mode Time, Event, File Management, Image(snapshot) Playback 16 Ch. Digital Zoom Selected zone can zoom into full screen during live & playback Backup Mode Flash disk, USB HDD, USB CD/DVDRW, network download Interface Ports 1 RJ45 x 1 USB 2.0 x 1 RS485 GG SuperCam/pro/HD for iPad/iPad2/iPhone/Blackberry/Android/Symbian/Windows mobile Protocols TCP/IP, DHCP, DDNS, NTP, SMTP Remote Operations Monitor, PTZ control, playback, system setting, file download, log information Power Supply 100VAC~240VAC Power Consumption 40W Working Temp 08 ~50 8	Alarm Input	16 Ch.
CD/DVDRW Optional HDD Hibernation technology, HDD faulty alarm and RAID (Redundancy) Schedule, Manual, Motion, Sensor Flearch Mode Time, Event, File Management, Image(snapshot) Flayback Time, Event, File Management, Image(snapshot) Flayback Time, Event, File Management, Image(snapshot) Flayback Flash disk, USB HDD, USB CD/DVDRW, network download Flash disk, USB HDD, USB CD/DVDRW,	Alarm Output	4 Ch.
HDD Hibernation technology, HDD faulty alarm and RAID (Redundancy) Schedule, Manual, Motion, Sensor Time, Event, File Management, Image(snapshot) Playback 16 Ch. Selected zone can zoom into full screen during live & playback Sackup Mode Flash disk, USB HDD, USB CD/DVDRW, network download Interface Ports 1 RJ45 x 1 USB 2.0 x 1 RS485 SuperCam/pro/HD for iPad/iPad2/iPhone/Blackberry/Android/Symbian/Windows mobile TCP/IP, DHCP, DDNS, NTP, SMTP Remote Operations Monitor, PTZ control, playback, system setting, file download, log information Power Supply 100VAC~240VAC 40W Working Temp Monitor, PTD Signal Si	Hard Disk	8 SATA Ports, Max 2TB per port, 2 e SATA Port
Schedule, Manual, Motion, Sensor Time, Event, File Management, Image(snapshot) Playback 16 Ch. Selected zone can zoom into full screen during live & playback Sackup Mode Flash disk, USB HDD, USB CD/DVDRW, network download Interface Ports 1 RJ45 x 1 USB 2.0 x 1 RS485 SuperCam/pro/HD for iPad/iPad2/iPhone/Blackberry/Android/Symbian/Windows mobile Protocols TCP/IP, DHCP, DDNS, NTP, SMTP Remote Operations Monitor, PTZ control, playback, system setting, file download, log information Power Supply 100VAC~240VAC Power Consumption Working Temp ON ~50 N	CD/DVDRW	Optional
Time, Event, File Management, Image(snapshot) Playback 16 Ch. Selected zone can zoom into full screen during live & playback Backup Mode Flash disk, USB HDD, USB CD/DVDRW, network download Interface Ports 1 RJ45 x 1 USB 2.0 x 1 RS485 SuperCam/pro/HD for iPad/iPad2/iPhone/Blackberry/Android/Symbian/Windows mobile Protocols TCP/IP, DHCP, DDNS, NTP, SMTP Remote Operations Monitor, PTZ control, playback, system setting, file download, log information Power Supply 100VAC~240VAC Power Consumption Working Temp 0 ~50 \Backsquare Vorking Temp O ~50 \Backsquare Selected zone can zoom into full screen during live & playback Bond Selected zone can zoom into full screen during live & playback Flash disk, USB HDD, USB CD/DVDRW, network download Flash	HDD Management	HDD Hibernation technology, HDD faulty alarm and RAID (Redundancy)
Playback 16 Ch. Selected zone can zoom into full screen during live & playback Backup Mode Flash disk, USB HDD, USB CD/DVDRW, network download Interface Ports 1 RJ45 x 1 USB 2.0 x 1 RS485 SuperCam/pro/HD for iPad/iPad2/iPhone/Blackberry/Android/Symbian/Windows mobile Trotocols TCP/IP, DHCP, DDNS, NTP, SMTP Remote Operations Monitor, PTZ control, playback, system setting, file download, log information Power Supply 100VAC~240VAC Power Consumption 40W Working Temp 0 ~50 \Box	Recording Mode	Schedule, Manual, Motion, Sensor
Selected zone can zoom into full screen during live & playback Backup Mode Flash disk, USB HDD, USB CD/DVDRW, network download Interface Ports I RJ45 x 1 USB 2.0 x 1 RS485 SuperCam/pro/HD for iPad/iPad2/iPhone/Blackberry/Android/Symbian/Windows mobile Protocols TCP/IP, DHCP, DDNS, NTP, SMTP Remote Operations Monitor, PTZ control, playback, system setting, file download, log information Power Supply 100VAC~240VAC Power Consumption 40W Working Temp 0	Search Mode	Time, Event, File Management, Image(snapshot)
Flash disk, USB HDD, USB CD/DVDRW, network download 1 RJ45 x 1 USB 2.0 x 1 RS485 SuperCam/pro/HD for iPad/iPad2/iPhone/Blackberry/Android/Symbian/Windows mobile TCP/IP, DHCP, DDNS, NTP, SMTP Remote Operations Monitor, PTZ control, playback, system setting, file download, log information Ower Supply 100VAC~240VAC Power Consumption 40W Working Temp 0 ~50	Playback	16 Ch.
nterface Ports 1 RJ45 x 1 USB 2.0 x 1 RS485 SuperCam/pro/HD for iPad/iPad2/iPhone/Blackberry/Android/Symbian/Windows mobile Protocols TCP/IP, DHCP, DDNS, NTP, SMTP Remote Operations Monitor, PTZ control, playback, system setting, file download, log information Power Supply 100VAC~240VAC Power Consumption 40W Working Temp 0 △ ~50 △	Digital Zoom	Selected zone can zoom into full screen during live & playback
SuperCam/pro/HD for iPad/iPad2/iPhone/Blackberry/Android/Symbian/Windows mobile TCP/IP, DHCP, DDNS, NTP, SMTP Remote Operations Monitor, PTZ control, playback, system setting, file download, log information Power Supply 100VAC~240VAC Power Consumption 40W Working Temp 0 ~50 M	Backup Mode	Flash disk, USB HDD, USB CD/DVDRW, network download
Protocols TCP/IP, DHCP, DDNS, NTP, SMTP Remote Operations Monitor, PTZ control, playback, system setting, file download, log information Power Supply 100VAC~240VAC Power Consumption 40W Working Temp 0 ~50 🗵	Interface Ports	1 RJ45 x 1 USB 2.0 x 1 RS485
Monitor, PTZ control, playback, system setting, file download, log information Power Supply 100VAC~240VAC Power Consumption 40W Working Temp 0 ~50 ©	3G	SuperCam/pro/HD for iPad/iPad2/iPhone/Blackberry/Android/Symbian/Windows mobile
Power Supply 100VAC~240VAC Power Consumption 40W Working Temp 0½ ~50 ½	Protocols	TCP/IP, DHCP, DDNS, NTP, SMTP
Power Consumption 40W Vorking Temp 0☑ ~50 ☒	Remote Operations	Monitor, PTZ control, playback, system setting, file download, log information
Vorking Temp 0⊠ ~50 ⊠	Power Supply	100VAC~240VAC
	Power Consumption	40W
Vorking Humidity 10%~90%	Working Temp	0⊠ ~50⊠
	Working Humidity	10%~90%