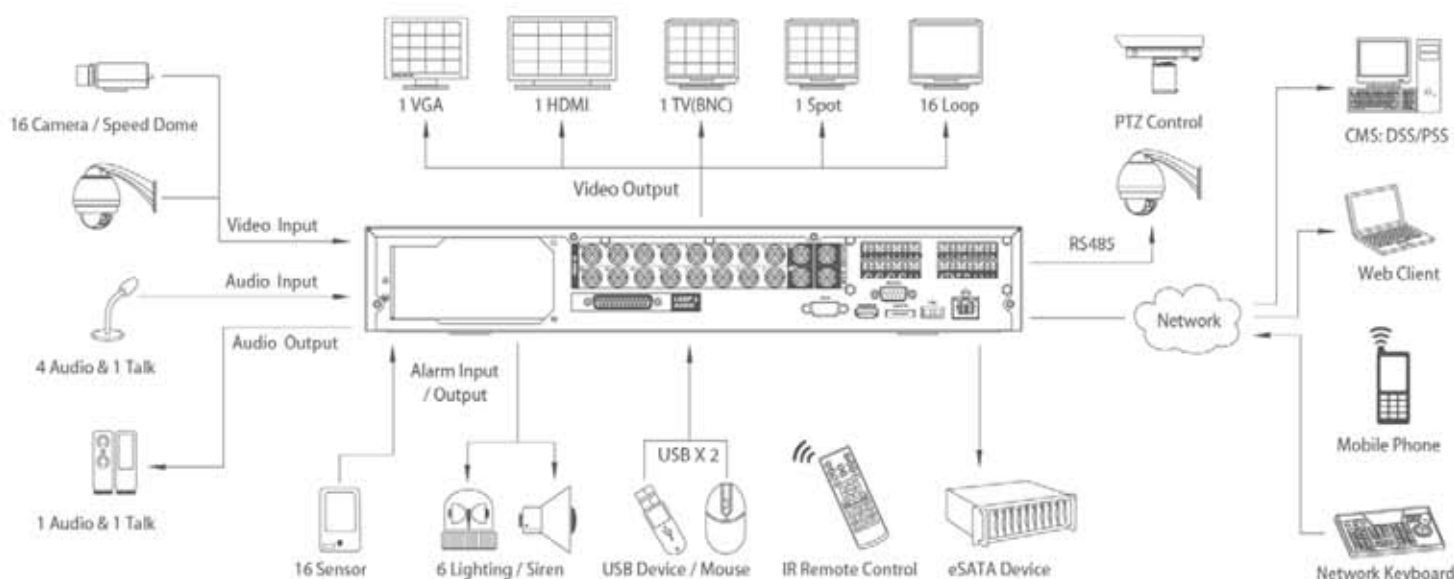


## 4/8/16Ch 1.5U standalone DVR w/4 Audio Inputs Realtime Rec & Pback

- OS: Embedded Linux®
- Compression Technology: H.264E
- System Resource: Pentaplex Function.
- Video Inputs: 04/08/16 Chs.
- Display Rate: 1 to 30fps / Ch.
- Record Rate: 1 to 30fps / Ch.
- Display Resolution: D1.
- Rec. Resolution: 4, 8 and 16 Channel platforms 120/240/480 FPS at CIF Resolution. Also can Recording D1 per Ch at 7.5fps, or Full D1 in Channel 1 & 9 while Ch 2,3,4,5,6,7,8,10,11,12,13,14 & 15 remains at 30fps at CIF.
- Playback Display: 04/08/16 Chs.
- Video Outputs: 1 BNC, 1 VGA output, 1 HDMI output. (all available the same time)
- Audio Inputs: 4 Chs.
- Audio Outputs: 2 Chs. (1 bidirectional).
- Audio Compression: G.711
- Motion Detection: 396 (22\*18) zones, 6 Sensitivity levels
- Alarm Inputs: 16 Chs.
- Alarm Outputs: 4 Chs. Dry Contacts, 2 12V output.
- Storage Capability: Support 4 SATA HDDs up to 12TB
- External Storage: 1 eSATA up to 12TB external Storage
- Back Up: Flash drive/ USB HDD/ Built-in SATA CD&DVR/RW burner optional/ Network download.
- Network Connection: RJ45 port (10/100M/1000M) Ethernet.
- Dual Stream: flexible for network transmission and mobile phone monitoring.
- Control Ports: 1 RS232, 1 RS485, 2 USB2.
- Monitoring Software: Built-in web server, ICRMS, ICRPSS .
- Built-in DVD/WR (optional).



Model	Max-04A	Max-08	Max-16
<b>System</b>			
Main Processor	High performance industrial embedded micro controller		
Operating System	Embedded LINUX		
System Resources	Pentaplex function: live, recording, playback, backup & remote access		
Control Mode	Front panel, USB mouse, IR remote control, Keyboard, Network		
<b>Video</b>			
Input	4 channel, BNC(1.0Vp-p, 75Ω)	8 channel, BNC(1.0Vp-p, 75Ω)	16 channel, BNC(1.0Vp-p, 75Ω)
Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)		
Output	1 HDMI, 1 VGA, 1 TV, 1 Spot, BNC(1.0Vp-p, 75Ω) and 1 Matrix		
Loop Output	4 channel	8 channel	16 channel
<b>Audio</b>			
Input	4 channel, BNC(200-2800mV, 30KΩ)		
Output	1 channel, BNC(200-3000mV, 5KΩ)		
Bidirectional Talk	1 channel Input, BNC(200-2800mV, 30KΩ), 1 channel Output, BNC(200-3000mV, 5KΩ)		
<b>Display</b>			
Display Split	1/4	1/4/8/9	1/4/8/9/16
Spot Split	1/4	1/4/8/9	1/4/8/9/16
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768		
Tour Display	Support		
Privacy Masking	4 self-defined four-sided zones for privacy masking for each camera		
OSD	Camera title, time, video loss, camera lock, motion detection, recording		
<b>Recording</b>			
Video/Audio Compression	H.264 / G.711		
Image Resolution	D1/4CIF(704×576/704×480) / HD1(352×576/352×480) / 2CIF(704×288/704×240) / CIF(352×288/352×240) / QCIF(176×144/176×120) / [Max-4 & Max-8 has 1 Special Ch D1/30FPS, Max-16 have two Special Ch D1/30FPS]		
Encoding Speed	Main Stream: D1/HD1/2CIF/CIF(1~25/30fps) Extra Stream: CIF/QCIF(1~25/30fps)		
Bit Rate	32~4096Kb/s		
Image Quality	1~6 level(level 6 is the best, VBR effectively)		
Recording Mode	Manual, Schedule(Regular(Continuous), MD(Video detection: Motion detection, Camera blank, Video loss), Alarm), Stop		
Recording Priority	Manual >Alarm >MD >Regular		
Recording Interval	1~120 min. (default: 60 min.), Pre-record: 1~30 sec., Post-record: 10~300 sec.		
<b>Video Detection &amp; Alarm</b>			
Trigger Events	Recording, PTZ movement, Tour, Alarm, Email, Spot output		
Motion Detection	Zones: 396(22×18), Sensitivity: 1~6 (level 6 is highest)		
Video Loss & Camera Blank	Support		
Alarm Input	4 channel	8 channel	16 channel
Relay Output	6 channel		
<b>Playback &amp; Backup</b>			
Playback Channel	1/2/4/All		
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search TimeLine		
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom(any size)		
Backup Mode	Flash drive/ USB HDD/ USB CD&DVD-RW / eSATA Device / Built-in SATA burner Optional/ Network download		
<b>Network</b>			
Ethernet	RJ-45 port (10/100M/1000M)		
Network Functions	HTTP, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server		
Remote Operation	Monitor, PTZ control, Playback, System setting, File download, Log information		
<b>Hard Disk</b>			
Hard Disk	4 SATA ports, 4 HDDs or 3 HDDs + 1 CD/DVD-RW, Up to 12TB		
eSATA	External SATA port, up to 12TB		
Space Occupation	Audio: 28.8MB/H, Video: 56~1800MB/H		
HDD Management	Hard disk hibernation technology, HDD faulty alarm & Raid(Redundancy)		
<b>Auxiliary Interface</b>			
USB Interface	2 ports, 1 for mouse control, 1 for backup		
eSATA	1 port, Recording & Backup		
RS232	IC Realtime keyboard, PC communication		
RS485	PTZ control		
<b>Environmental</b>			
Power Supply	AC 100~240 V, 50/60 Hz		
Power Consumption	25W	30W	40W
Working Environment	-10 ~+55°C / 10~90%RH / 86~106kpa		
Dimension	1.5U, 440mm×460mm×68mm(W×D×H)		
Weight	6.0KG(without HDD)		