

## Models Available

- DVR-MAX 4
- DVR-MAX 8
- DVR-MAX 16



## Description

The Max series of DVR's are manufactured in a range of 4, 8 and 16 channel platforms. These systems are designed to provide an economical CCTV monitoring solution for clients without any compromise of operational and recording quality standards.

The Max series has a user-friendly interface and is extremely easy to configure and navigate through USB Mouse, IR Remote Control, 'Web' and 'Front Panel'. Incorporating a 720 HDMI video output, 4 channel 2-way audio, and a 'direct signal' Alarm Receiving Centre (ARC) software interface, the Max systems are ideally suited for deployment in Commercial, Retail and Domestic environments.

The Max series delivers H264 / D1 Realtime recording across all channels with networked systems accessible through internet browser, mobile phone, PDA, iPhone, iPad. In excess of 50 of the most popular mobile phone 50 manufacturer brands are supported.

Company software provides end users with the ability to be able to access up to 121 separate IP addresses simultaneously, creating an in-depth monitoring central management platform for multiple sites irrespective of geographical location.

## Features

- 1.5U Case Specification
- H.264E Compression
- High-Speed Microprocessor & Linux OS
- Pentaflex Operation
- 100/200/400FPS Realtime Recording
- Up to D1 Recording Resolution
- Real-time Synchronized AV Recording on 4 selected channels
- All channel playback
- HDMI, VGA & BNC Video Outputs
- Loop back video output for every channel
- 1 Port Matrix video output for Spot monitor applications
- 2 x USB 2.0 & 1 x eSATA Port
- RS-485 for 3D PTZ Control
- Central management software for viewing/managing multiple DVRs
- Compatible with modern licensed Alarm Receiving Centres (ARC)
- Mobile Phone Surveillance (iPhone, iTouch, Blackberry, Nokia, Android)
- Up to 4 TeraBytes (4,000G) Internal Storage

## Specifications

Specifications	DVR-MAX4	DVR-MAX8	DVR-MAX16	
Operating System	Embedded LINUX			
Video Compression	H.264			
Audio Compression	G.711			
Multi Task	Pentaplex Operation (Live, Recording, Playback, Backup & Remote Access)			
Control Methods	Front panel, USB mouse, IR remote control, Keyboard, Network			
<b>Video Outputs/Recording</b>				
Video Outputs	HDMI	1 (1280_1024, 1280_720, 1024_768, 800_600)		
	VGA	1 (1024_768, 800_600)		
	Slave	1 BNC (1.0Vp-p, 75_Ω)		
	Matrix	1 BNC		
Resolution FPS	Loop Out	4 BNC	16 BNC	
	QCIF 176x144 (PAL)	100FPS (PAL) 120FPS (NTSC)	8 BNC 200FPS (PAL) 240FPS (NTSC)	16 BNC 400FPS (PAL) 480FPS (NTSC)
	CIF 352x288 (PAL)	100FPS (PAL) 120FPS (NTSC)	200FPS (PAL) 240FPS (NTSC)	400FPS (PAL) 480FPS (NTSC)
	D1 704x576 (PAL)	1st Channel 25FPS (PAL) 30FPS (NTSC) CH2 to 4 (1-6 FPS)	1st Channel 25FPS (PAL) 30FPS (NTSC) CH2 to 8 (1-6 FPS)	1st, 9th Channel 25FPS (PAL) 30FPS (NTSC) CH2 to 16 (1-6 FPS)
Bit Rate	32-2048Kb/s			
Audio Recording	4 Selected Channel BNC			
Two Way Audio Comm.	1 BNC Input (200-2800mV, 30K_Ω), 1 BNC Output, BNC(200-3000mV, 5K_Ω)			
Recording Modes	Manual, Schedule, Motion detection, Alarm, Stop			
Trigger Modes	MD Recording, PTZ movement, Tour, Alarm, Email, Spot output			
Motion Detection	Areas: 396(22_18), Sensitivity: 1-6 (level 6 is most sensitive)			
<b>Live/Playback/Backup</b>				
Live Display View	1, 4	1,4,8,9	1,4,8,9,16	
Playback Channels	1,2,4, All	1,2,4, All	1,2,4, All	
Search Modes	Time/Date, Alarm, Motion Detection & Exact search (accurate to second)			
Backup Methods	USB Flash Drive, USB Hard Drive, USB DVD-RW, eSata Devices, Network Download, Built in SATA writer.			
<b>Network</b>				
Network Interface	RJ45 (10/100M)			
Network Functions	TCP/IP, UDP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Email, Alarm Server			
Network Operation	Live View, PTZ control, Playback, System config, File download, Log files			
Network Dual Stream	For 3G Mobile and Low Bandwidth - QCIF 1-25FPS (PAL) 1-30FPS (NTSC)			
<b>Alarm/PTZ/Storage</b>				
Alarm In/Out	4 / 6	8 / 6	16 / 6	
PTZ Control	RS-485 PTZ Control on all channels			
Storage Supported	4 SATA ports - 4 HDDs or 3 HDDs + 1 CD/DVD-RW, Max 2TB per HDD supported			
HD Management	HD Hibernation, HD Raid(Redundancy) & HD Faulty Alarm			
USB / eSATA	2 USB ports (1 for mouse control & 1 for backup) / 1 Port			
<b>Power/Environmental/Measurements</b>				
Power Supply	AC 100-240 V, 50/60 Hz			
Power Consumption	25W	30W	40W	
Working Environment	-10_~+55_ / 10-90%RH / 86-106kpa			
Dimension / Weight	1.5U, 440mm_460mm_68mm(W_D_H) / 6KG (without HD)			