iCatch 960H DVR Specification

Model		DVR-413DH-J	DVR-816DH-J	DVR-1616PH-J
Camera Input		4CH	8CH	16CH
Picture				
Housing		J	J	J
Video	Input	4 BNC	8 BNC	16 BNC
	Output	1 HDMI with Audio and 1 VGA (Max. 1920x1080) 1 Main BNC / 1 SPOT	1 HDMI with Audio and 1 VGA (Max. 1920x1080) 1 Main BNC / 1 SPOT	
Audio	Input	4 RCA	4 RCA	
	Output	2 RCA	2 RCA	1RCA
System	Operating System	Embedded Linux OS	Embedded Linux OS	
	SATA Devices	Max. 1 x SATA Devices (HDDx1)	Max. 1 x SATA Devices (HDDx1)	
	External HDD	N/A	N/A	
	Sensor In (NO, NC) Relay Out	Sensor-in x 4 Relay-out x 1	Sensor-in x 4 Relay-out x 1	Sensor-in x 8 Relay-out x 1
	Serial Interface	RS-485	RS-485	
	USB 2.0 Ports	USB2.0 x2	USB2.0 x2	
	Dimension (mm)	280(w)x51(h)x203(d)	280(w)x51(h)x203(d)	
	Power Rating	DC 12V 2A 24W Adapter 110/220V	DC 12V 2A 24W Adapter 110/220V	DC 12V 2A 24W Adapter 110/220V
Display	Split Screen	1, 4, SEQ.	1, 4, 8, SEQ.	1, 4, 9, 13, 16, SEQ.
	Auto Channel Switching	Switching time : 1 ~ 99 sec	Switching time : 1 ~ 99 sec	
	Mode	Zoom (Digital x2~ x5), PIP, Auto SEQ.	Zoom (Digital x2~ x5), PIP, Auto SEQ.	
Recording	Compression	H.264 Main Profile	H.264 Main Profile	
	Main (Recording) Resolution	704x480, 704x240, 352X240 (NTSC) / 704x576, 704x288, 352x288 (PAL) 944x480, 704x480 , 472X240 (NTSC 960H) / 944x576, 704x576, 472x288 (PAL 960H)	704x480, 704x240, 352X240 (NTSC) / 704x576, 704x288, 352x288 (PAL) 944x480, 704x480 , 472X240 (NTSC 960H) / 944x576, 704x576, 472x288 (PAL 960H)	
	Sub (Network) Resolution	352x240, 176x120 (NTSC) / 352x288, 176x144 (PAL)	352x240, 176x120 (NTSC) / 352x288, 176x144 (PAL) 472x240, 236x120 (NTSC 960H) / 472x288, 236x144 (PAL 960H)	
	Picture Quality	10~100 levels for adjustment	10~100 levels for adjustment	
	Mode	Continuous, Event, Schedule	Continuous, Event, Schedule	
	Record Rate NTSC	4 x 960H@30(944x480) 4 x D1@30(704x480)	8 x 960H@15(944x480) 8 x D1@15(704x480)	16 x 960H@15(944x480) 16 x D1@15(704x480)
	Record Rate PAL	4 x 960H@25(944x576) 4 x D1@25(704x576)	8 x 960H@12(944x576) 8 x D1@12(704x576)	16 x 960H@12(944x576) 16 x D1@12(704x576)
	Pre-Alarm	0 ~ 10 SEC	0 ~ 10 SEC	
	Post-Alarm	0 ~ 100 SEC	0 ~ 100 SEC	
Playback	Search Mode	Date/time, Event	Date/time, Event	
	Zoom	*Digital (x2 ~ x5)	*Digital (x2 ~ x5)	
Network	Network Interface	10/100 Ethernet	10/100 Ethernet	
	Protocol	TCP/IP, SMTP, HTTP, DHCP, PPPoE(ADSL), NTP, DDNS	TCP/IP, SMTP, HTTP, DHCP, PPPoE(ADSL), NTP, DDNS	
	Application	Windows XP/VISTA/7, Mac OS X	Windows XP/VISTA/7, Mac OS X	
	Remote Software	iWatch DVR, IE Browser, iCMS	iWatch DVR, IE Browser, iCMS	
	Account	1 Admin + 10 Users	1 Admin + 10 Users	
	Mobile Device	Windows Phone, iPhone, iPad, Android	Windows Phone, iPhone, iPad, Android	
Backup	Interface	USB 2.0 or SATA	USB 2.0 or SATA	
	Audio Backup	YES	YES	
	Backup Type	Network, ext. USB flash device , SATA optical DVD..etc	Network, ext. USB flash device , SATA optical DVD..etc	
Alarm	Motion Detection	Sensitivity : 100 levels for each channel Area : Programmable individually	Sensitivity : 100 levels for each channel Area : Programmable individually	
	Event Log	Up to the 10000 events (Sensor, Motion, video Loss, power on, remote login.	Up to the 10000 events (Sensor, Motion, video Loss, power on, remote login, logout, HDD error, HDD full)	
OSD & DVR Control	Multi-Language	Supported	Supported	
	Camera Title	Multi-Language	Multi-Language	
	USB Mouse	YES	YES	
	Touch Panel	Touch Panel LCD Monitor (USB Interface, EETI Chipset Only)	Touch Panel LCD Monitor (USB Interface, EETI Chipset Only)	
	Remote Controller	IR Remote Control	IR Remote Control	
	System Upgrade	USB Flash Drive, iWatch DVR	USB Flash Drive, iWatch DVR	
	Pan/Tilt/Zoom Control	Control From RS485 Interface (Pelco P, Pelco D, Samsung, LG, LiLin)	Control From RS485 Interface (Pelco P, Pelco D, Samsung, LG, LiLin)	

*Subject to change without notice
** OD = Optical Device