## MNR-310



Model	MNR-310
Product Type	Standalone NVR
Maximum Number of Video devices	32
Processor	Intel Atom D2550
Maximum Number of Clients	1 local, 3 remote
License required	Yes
	16 (16-channel for ACTi and 1-channel for
Free License	third-party video device)
Video Resolution	Support all ACTi cameras in all resolutions
Compression	H.264, MPEG-4, MJPEG
Audio	2-way
Network Connector	RJ-45
Wireless	Yes (Wi-Fi, 4G, GPS need optional accessories)
Serial Port	RS-232
Power Source	AC 100-240V; DC 12V(9-36V)
Built-in Analytics	Motion Detection, Tamper
Scheduled Recording	Yes
Event Recording	Yes
Manual Recording	Yes
Speed Up	Yes
Dual Stream Management	Yes
Recording Throughput	192 Mbps
HDD Interface	Maximum 2 SATA disks
External Storage Interface	eSATA, iSCSI, USB
RAID Level	Software RAID 0, 1
Display Layout Mode	Local: 1, 2, 4  Please check "Standalone NVR
Local Live View performance	Performance Validator" (http://www.acti.com/SANVRPerformance)
Digital Zoom	Yes
Event Status	Display event status upon alarm or upon connection loss or recovery between server and client or when the allocated disk space is full
Instant Playback	Instant Playback in live view window (Remote client)
е-Мар	Yes
PTZ Control	Yes
Playback Control	Continuous forward and backward playback with speeds 1x/2x/4x/8x/16x or frame-by-frame; pause; stop
Playback Control Synchronized Playback	with speeds 1x/2x/4x/8x/16x or frame-by-
•	with speeds 1x/2x/4x/8x/16x or frame-by- frame; pause; stop  4 channels (local), 32 channels (remote)  HDMI/VGA monitor; USB keyboard &
Synchronized Playback Local Access	with speeds 1x/2x/4x/8x/16x or frame-by-frame; pause; stop  4 channels (local), 32 channels (remote)  HDMI/VGA monitor; USB keyboard & mouse; USB joystick
Synchronized Playback	with speeds 1x/2x/4x/8x/16x or frame-by-frame; pause; stop  4 channels (local), 32 channels (remote)  HDMI/VGA monitor; USB keyboard & mouse; USB joystick  Workstation, Web Client (IE), Mobile Client (iOS & Android)  NVR: Disk full; Disk not found; Disk is
Synchronized Playback Local Access	with speeds 1x/2x/4x/8x/16x or frame-by-frame; pause; stop  4 channels (local), 32 channels (remote)  HDMI/VGA monitor; USB keyboard & mouse; USB joystick  Workstation, Web Client (IE), Mobile Client (iOS & Android)
Synchronized Playback Local Access Remote Access	with speeds 1x/2x/4x/8x/16x or frame-by- frame; pause; stop  4 channels (local), 32 channels (remote)  HDMI/VGA monitor; USB keyboard & mouse; USB joystick  Workstation, Web Client (IE), Mobile Client (iOS & Android)  NVR: Disk full; Disk not found; Disk is available;  Device: Video motion detection; Passive IR sensor; External device through digital input; Video loss and recovery; Network loss and
Synchronized Playback Local Access Remote Access Event Trigger	with speeds 1x/2x/4x/8x/16x or frame-by-frame; pause; stop  4 channels (local), 32 channels (remote)  HDMI/VGA monitor; USB keyboard & mouse; USB joystick  Workstation, Web Client (IE), Mobile Client (iOS & Android)  NVR: Disk full; Disk not found; Disk is available;  Device: Video motion detection; Passive IR sensor; External device through digital input; Video loss and recovery; Network loss and recovery  Pop-up window with live video; Switch to hotspot window; Switch to customize View; Command a PTZ device to go to a preset point; Play alert sound; Activate external device through digital output; Execute system command to activate other programs; Upload snapshot to FTP server; E-mail
Synchronized Playback Local Access Remote Access  Event Trigger  Event Response  Permission Control  GPS Position	with speeds 1x/2x/4x/8x/16x or frame-by-frame; pause; stop  4 channels (local), 32 channels (remote)  HDMI/VGA monitor; USB keyboard & mouse; USB joystick  Workstation, Web Client (IE), Mobile Client (iOS & Android)  NVR: Disk full; Disk not found; Disk is available;  Device: Video motion detection; Passive IR sensor; External device through digital input; Video loss and recovery; Network loss and recovery  Pop-up window with live video; Switch to hotspot window; Switch to customize View; Command a PTZ device to go to a preset point; Play alert sound; Activate external device through digital output; Execute system command to activate other programs; Upload snapshot to FTP server; E-mail notification with snapshots  Unlimited number of users and user groups, Active Directory, Customizable permissions for user groups, Playback Password protected, Password Validity Period  Manual setting
Synchronized Playback Local Access Remote Access  Event Trigger  Event Response  Permission Control  GPS Position Video Export	with speeds 1x/2x/4x/8x/16x or frame-by-frame; pause; stop  4 channels (local), 32 channels (remote)  HDMI/VGA monitor; USB keyboard & mouse; USB joystick  Workstation, Web Client (IE), Mobile Client (iOS & Android)  NVR: Disk full; Disk not found; Disk is available;  Device: Video motion detection; Passive IR sensor; External device through digital input; Video loss and recovery; Network loss and recovery  Pop-up window with live video; Switch to hotspot window; Switch to customize View; Command a PTZ device to go to a preset point; Play alert sound; Activate external device through digital output; Execute system command to activate other programs; Upload snapshot to FTP server; E-mail notification with snapshots  Unlimited number of users and user groups, Active Directory, Customizable permissions for user groups, Playback Password protected, Password Validity Period  Manual setting  eSATA, USB
Synchronized Playback Local Access Remote Access  Event Trigger  Event Response  Permission Control  GPS Position Video Export Video Export Formats	with speeds 1x/2x/4x/8x/16x or frame-by-frame; pause; stop  4 channels (local), 32 channels (remote)  HDMI/VGA monitor; USB keyboard & mouse; USB joystick  Workstation, Web Client (IE), Mobile Client (iOS & Android)  NVR: Disk full; Disk not found; Disk is available;  Device: Video motion detection; Passive IR sensor; External device through digital input; Video loss and recovery; Network loss and recovery  Pop-up window with live video; Switch to hotspot window; Switch to customize View; Command a PTZ device to go to a preset point; Play alert sound; Activate external device through digital output; Execute system command to activate other programs; Upload snapshot to FTP server; E-mail notification with snapshots  Unlimited number of users and user groups, Active Directory, Customizable permissions for user groups, Playback Password protected, Password Validity Period  Manual setting  eSATA, USB  RAW, AVI, EXE
Synchronized Playback Local Access Remote Access  Event Trigger  Event Response  Permission Control  GPS Position Video Export	with speeds 1x/2x/4x/8x/16x or frame-by-frame; pause; stop  4 channels (local), 32 channels (remote)  HDMI/VGA monitor; USB keyboard & mouse; USB joystick  Workstation, Web Client (IE), Mobile Client (iOS & Android)  NVR: Disk full; Disk not found; Disk is available;  Device: Video motion detection; Passive IR sensor; External device through digital input; Video loss and recovery; Network loss and recovery  Pop-up window with live video; Switch to hotspot window; Switch to customize View; Command a PTZ device to go to a preset point; Play alert sound; Activate external device through digital output; Execute system command to activate other programs; Upload snapshot to FTP server; E-mail notification with snapshots  Unlimited number of users and user groups, Active Directory, Customizable permissions for user groups, Playback Password protected, Password Validity Period  Manual setting  eSATA, USB  RAW, AVI, EXE  Embedded Windows 7
Synchronized Playback Local Access Remote Access  Event Trigger  Event Response  Permission Control  GPS Position Video Export Video Export Formats	with speeds 1x/2x/4x/8x/16x or frame-by-frame; pause; stop  4 channels (local), 32 channels (remote)  HDMI/VGA monitor; USB keyboard & mouse; USB joystick  Workstation, Web Client (IE), Mobile Client (iOS & Android)  NVR: Disk full; Disk not found; Disk is available;  Device: Video motion detection; Passive IR sensor; External device through digital input; Video loss and recovery; Network loss and recovery  Pop-up window with live video; Switch to hotspot window; Switch to customize View; Command a PTZ device to go to a preset point; Play alert sound; Activate external device through digital output; Execute system command to activate other programs; Upload snapshot to FTP server; E-mail notification with snapshots  Unlimited number of users and user groups, Active Directory, Customizable permissions for user groups, Playback Password protected, Password Validity Period  Manual setting  eSATA, USB  RAW, AVI, EXE
Synchronized Playback Local Access Remote Access  Event Trigger  Event Response  Permission Control  GPS Position Video Export Video Export Formats Server Operating System	with speeds 1x/2x/4x/8x/16x or frame-by-frame; pause; stop  4 channels (local), 32 channels (remote)  HDMI/VGA monitor; USB keyboard & mouse; USB joystick  Workstation, Web Client (IE), Mobile Client (iOS & Android)  NVR: Disk full; Disk not found; Disk is available;  Device: Video motion detection; Passive IR sensor; External device through digital input; Video loss and recovery; Network loss and recovery  Pop-up window with live video; Switch to hotspot window; Switch to customize View; Command a PTZ device to go to a preset point; Play alert sound; Activate external device through digital output; Execute system command to activate other programs; Upload snapshot to FTP server; E-mail notification with snapshots  Unlimited number of users and user groups, Active Directory, Customizable permissions for user groups, Playback Password protected, Password Validity Period  Manual setting  eSATA, USB  RAW, AVI, EXE  Embedded Windows 7  Windows 10, Windows 8, Windows 7, Windows Server 2012, Windows Server
Synchronized Playback Local Access Remote Access  Event Trigger  Event Response  Permission Control  GPS Position Video Export Video Export Formats Server Operating System  Client PC Operating System	with speeds 1x/2x/4x/8x/16x or frame-by-frame; pause; stop  4 channels (local), 32 channels (remote)  HDMI/VGA monitor; USB keyboard & mouse; USB joystick  Workstation, Web Client (IE), Mobile Client (iOS & Android)  NVR: Disk full; Disk not found; Disk is available;  Device: Video motion detection; Passive IR sensor; External device through digital input; Video loss and recovery; Network loss and recovery  Pop-up window with live video; Switch to hotspot window; Switch to customize View; Command a PTZ device to go to a preset point; Play alert sound; Activate external device through digital output; Execute system command to activate other programs; Upload snapshot to FTP server; E-mail notification with snapshots  Unlimited number of users and user groups, Active Directory, Customizable permissions for user groups, Playback Password protected, Password Validity Period  Manual setting  eSATA, USB  RAW, AVI, EXE  Embedded Windows 7  Windows 10, Windows 8, Windows 7, Windows Server 2012, Windows Server 2008
Synchronized Playback Local Access Remote Access  Event Trigger  Event Response  Permission Control  GPS Position Video Export Video Export Formats Server Operating System  Client PC Operating System  PC Web Browser	with speeds 1x/2x/4x/8x/16x or frame-by-frame; pause; stop  4 channels (local), 32 channels (remote)  HDMI/VGA monitor; USB keyboard & mouse; USB joystick  Workstation, Web Client (IE), Mobile Client (iOS & Android)  NVR: Disk full; Disk not found; Disk is available;  Device: Video motion detection; Passive IR sensor; External device through digital input; Video loss and recovery; Network loss and recovery  Pop-up window with live video; Switch to hotspot window; Switch to customize View; Command a PTZ device to go to a preset point; Play alert sound; Activate external device through digital output; Execute system command to activate other programs; Upload snapshot to FTP server; E-mail notification with snapshots  Unlimited number of users and user groups, Active Directory, Customizable permissions for user groups, Playback Password protected, Password Validity Period  Manual setting  eSATA, USB  RAW, AVI, EXE  Embedded Windows 7  Windows 10, Windows 8, Windows 7, Windows Server 2012, Windows Server 2008  IE 10, IE 11  Fully compatible with ACTi cameras, encoders, central management system, TV wall and intelligent video surveillance
Synchronized Playback Local Access Remote Access  Event Trigger  Event Response  Permission Control  GPS Position Video Export Video Export Formats Server Operating System  Client PC Operating System  PC Web Browser  Unified Solution	with speeds 1x/2x/4x/8x/16x or frame-by-frame; pause; stop  4 channels (local), 32 channels (remote)  HDMI/VGA monitor; USB keyboard & mouse; USB joystick  Workstation, Web Client (IE), Mobile Client (iOS & Android)  NVR: Disk full; Disk not found; Disk is available;  Device: Video motion detection; Passive IR sensor; External device through digital input; Video loss and recovery; Network loss and recovery  Pop-up window with live video; Switch to hotspot window; Switch to customize View; Command a PTZ device to go to a preset point; Play alert sound; Activate external device through digital output; Execute system command to activate other programs; Upload snapshot to FTP server; E-mail notification with snapshots  Unlimited number of users and user groups, Active Directory, Customizable permissions for user groups, Playback Password protected, Password Validity Period  Manual setting  eSATA, USB  RAW, AVI, EXE  Embedded Windows 7  Windows 10, Windows 8, Windows 7, Windows Server 2012, Windows Server 2008  IE 10, IE 11  Fully compatible with ACTi cameras, encoders, central management system, TV wall and intelligent video surveillance software
Synchronized Playback Local Access Remote Access  Event Trigger  Event Response  Permission Control  GPS Position Video Export Video Export Formats Server Operating System  Client PC Operating System  PC Web Browser  Unified Solution  ONVIF Compliant	with speeds 1x/2x/4x/8x/16x or frame-by-frame; pause; stop  4 channels (local), 32 channels (remote)  HDMI/VGA monitor; USB keyboard & mouse; USB joystick  Workstation, Web Client (IE), Mobile Client (iOS & Android)  NVR: Disk full; Disk not found; Disk is available;  Device: Video motion detection; Passive IR sensor; External device through digital input; Video loss and recovery; Network loss and recovery  Pop-up window with live video; Switch to hotspot window; Switch to customize View; Command a PTZ device to go to a preset point; Play alert sound; Activate external device through digital output; Execute system command to activate other programs; Upload snapshot to FTP server; E-mail notification with snapshots  Unlimited number of users and user groups, Active Directory, Customizable permissions for user groups, Playback Password protected, Password Validity Period  Manual setting  eSATA, USB  RAW, AVI, EXE  Embedded Windows 7  Windows 10, Windows 8, Windows 7, Windows Server 2012, Windows Server 2008  IE 10, IE 11  Fully compatible with ACTi cameras, encoders, central management system, TV wall and intelligent video surveillance software  Yes (Profile S)  35 x 35 x 26 (cm)  -20°C ~ 60°C
Synchronized Playback Local Access Remote Access  Event Trigger  Event Response  Permission Control  GPS Position Video Export Video Export Formats Server Operating System  Client PC Operating System  PC Web Browser  Unified Solution  ONVIF Compliant Packing Dimension	with speeds 1x/2x/4x/8x/16x or frame-by-frame; pause; stop  4 channels (local), 32 channels (remote)  HDMI/VGA monitor; USB keyboard & mouse; USB joystick  Workstation, Web Client (IE), Mobile Client (iOS & Android)  NVR: Disk full; Disk not found; Disk is available;  Device: Video motion detection; Passive IR sensor; External device through digital input; Video loss and recovery; Network loss and recovery  Pop-up window with live video; Switch to hotspot window; Switch to customize View; Command a PTZ device to go to a preset point; Play alert sound; Activate external device through digital output; Execute system command to activate other programs; Upload snapshot to FTP server; E-mail notification with snapshots  Unlimited number of users and user groups, Active Directory, Customizable permissions for user groups, Playback Password protected, Password Validity Period  Manual setting  eSATA, USB  RAW, AVI, EXE  Embedded Windows 7  Windows 10, Windows 8, Windows 7, Windows Server 2012, Windows Server 2008  IE 10, IE 11  Fully compatible with ACTi cameras, encoders, central management system, TV wall and intelligent video surveillance software  Yes (Profile S)  35 x 35 x 26 (cm)

CE, FCC, e-Mark, UL (for built-in power adapter)

ACTi : Now Distributor : Now

Approvals

Product Availability