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UNV

Network Video Recorder

NVR824-R Series



Features

- Support Ultra 265/H.265/H.264 video formats
- 128/256-channel input
- Third-party IP cameras supported with ONVIF conformance: Profile S, Profile G, Profile C, Profile Q, Profile A, Profile T
- Support 2-ch HDMI, 1-ch VGA, HDMI at up to 4K(3840x2160) resolution
- HDMI1, HDMI2 and VGA independent outputs provided
- Up to 12 Megapixels resolution recording
- Redundant power supply optional
- Support HDD hot swap with RAID 0, 1, 5, 6, 10, 50, 60 storage scheme configurable
- Support 2 miniSAS Interfaces
- Support 12V power output
- ANR technology to enhance the storage reliability when the network is disconnected
- Support cloud upgrade
- Support N+1 Hot spare

Specifications

Model	NVR824-128R	NVR824-256R		
Decoding				
Decoding Format	Ultra 265, H.265, H.264			
Decoding	3 x 12MP@30, 5 x 4K@30, 20 x 1080P@30, 24 x 1080P@25, 40 x 960P@25, 45 x 720P@30, 54 x 720P@25, 96 x D1			
Capability				
Decoding	The resolution of each channel cannot exceed 4096 pixe	ls in length or width, For VGA/HDMI independent		
Capability	output, the VGA live video is output by default. To output the highest resolution video from the HDMI port,			
Description	please clear the VGA video on the preview page.			

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RCA Audio Output 1-ch Liveview Display VGA:1/4/6/8/9/16/25/36, HDMI1/HDMI2:1/4/6/8/9/16/25/36/64 Corridor Mode 3/4/5/7/9/10/12/16/32 Screen 3/4/5/7/9/10/12/16/32 Two-way Audio 1-ch, RCA (Using the audio input and output) Snapshot FTP/Schedule/Eve nt Snapshot FTP/Schedule/Eve nt Snapshot Full-ch snapshot (max. 4000 × 3000 video resolution, with snapshot resolution same as the video resolution) Recording 12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080P/960P/720P/D1/2CIF/CIF Synchronous 16-ch Playback in Local 16-ch Smart VCA Detection by Leave Area), Ultra Motion Detection (UMD), Temperature Detection, Cross Line Detection, Enter Area Density Monitoring), Video Metadata, Traffic Monitoring Smart by NVR In the Smart Card datasheet Face Snapshot Search, Face Comparison Search, Motor Vehicle Search, Motor Vehicle Search, Human Bod			
Incoming Bandwidth 768 Mbps Bandwidth 768 Mbps Bandwidth 768 Mbps Remote Users 128 Protocols 7CP/IP, P2P, UPnP, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SNMP, SMTP, NFS, RTSP, 802.1x, IPv6, IPv4 Browser (Plugin) IE10, IE11, Chrome 45+, Edge 79+, Firefox 52+ Video/Audio Input 128-ch 256-ch RCA Audio Input 128-ch 256-ch RCA Audio Input 128-ch RCA Audio Input 1-ch Video/Audio Output 1-ch Video/Audio Output 44 (3840 × 2160)/30 Hz, 1920 × 1080/60 Hz, 1920 × 1080/50 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 1024/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz VGA Output 1920 × 1080/60 Hz, 1920 × 1080/50 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz VGA Output 1920 × 1080/60 Hz, 1920 × 1080/50 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz Corridor Mode 34/5/7/9/10/12/16/32 Two-way Audio 1-ch Two-way Audio 1-ch, RCA (Using the audio input and output) Snapshot FTP/Schedule/Eve rtSnapshot full-ch snapshot (max, 4000 × 3000 video resolution, with snapshot resolution same as the video resolution) Recording Recording 12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080P/960P/720P/D1/2CIF/CIF Synchronous Playback in Local 16-ch Smart VCA Detection by Leave Area), Ultra Motion Detection (UMD), Temperature Detection, Gross Line Detection, Enter Area VCA Detection by Inter Since Area), Ultra Motion Detection (UMD), Temperature Detection, Gross Line Detection, Enter Area VCA Detection by Inter Since Comparison, Vehicle Detection, SPI (Intrusion Detection, Cross Line Detection, Enter Area VCA Detection by Inter Since Comparison Search, Motor Vehicle Search, Non-Motor Vehicle Search, Human Bod Benesity Monitoring), Video Matadata, Traffic Monitoring Smart DV NVR In the Smart Card datasheet Face Snapshot Search, Face Comparison Search, Motor Vehicle Search, Human Bod		G.711A, G.711U	
Bandwidth 768 Mbps Outgoing Bandwidth 768 Mbps Remote Users 128 Protocols TCP/IP, P2P, UPnP, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SNMP, SMTP, NFS, RTSP, 802.1x, IPv6, IPv4 Browser (Plugin) IE10, IE11, Chrome 45*, Edge 79+, Firefox 52+ Video/Audio Input 128-ch RCA Audio Input 128-ch Video/Audio Output 128-ch Video/Audio Output 128-ch Video/Audio Output 129 × 1080/50 Hz, 1920 × 1080/60 Hz, 1920 × 1080/50 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1024 × 768/60 Hz VGA Output 1320 × 1080/50 Hz, 1920 × 1080/50 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 ×	Network		
Bandwidth 768 Mbps Remote Users 128 Protocols TCP/IP, P2P, UPnP, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SNMP, SMTP, NFS, RTSP, 802.1x, IPv6, IPv4 Browser (Plugin) IE10, IE11, Chrome 45+, Edge 79+, Firefox 52+ Video/Audio Input 128-ch 256-ch RCA Audio Input 128-ch 256-ch RCA Audio Input 1-ch 326-ch Wideo/Audio Output 4K (3840 × 2160)/30 Hz, 1920 × 1080/50 Hz, 1920 × 1080/50 Hz, 1500 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 1026/60 Hz, 1280		768 Mbps	
Protocols TCP/IP, P2P, UPnP, NTP, DHCP, PPPDE, HTTP, HTTP, DNS, DDNS, SNMP, SMTP, NFS, RTSP, 802.1x, IPV6, IPv4 IE10, IE11, Chrome 45+, Edge 79+, Firefox 52+ Video/Audio Input IE00, IE11, Chrome 45+, Edge 79+, Firefox 52+ Video/Audio Input IE00, IE11, Chrome 45+, Edge 79+, Firefox 52+ Video/Audio Input IE00, IE11, Chrome 45+, Edge 79+, Firefox 52+ Video/Audio Input IE00, IE11, Chrome 45+, Edge 79+, Firefox 52+ Video/Audio Input IE00, IE11, Chrome 45+, Edge 79+, Firefox 52+ Video/Audio Input IE00, IE11, Chrome 45+, Edge 79+, Firefox 52+ Video/Audio Input IE00, IE11, Chrome 45+, Edge 79+, Firefox 52+ Video/Audio Output I-ch Video/Audio Nather, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz Corridor Mode GoA: J/4/6/8/9/16/25/36, HDM11/HDM12:1/4/6/8/9/16/25/36/64 Corridor 70/60 Hz, 1024 × 768/60 Hz Two-way Audio 1-ch, RCA (Using the audio input and output) Sonather Full-ch snapshot (max. 4000 × 3000 video resolution, with snapshot resolution same as the video resolution) Recording 12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080P/960P/720P/D1/2CIF/CIF <td< td=""><td></td><td colspan="2">768 Mbps</td></td<>		768 Mbps	
Protocols 802.1x, IPv6, IPv4 Browser (Plugin) IE10, IE11, Chrome 45+, Edge 79+, Firefox 52+ Video/Audio Input 128-ch IP Video Input 128-ch RCA Audio Input 1-ch Video/Audio Output 1-ch HDMI Output 4K (8840 × 2160)/30 Hz, 1920 × 1080/60 Hz, 1920 × 1080/50 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz VGA Output 1920 × 1080/60 Hz, 1920 × 1080/50 Hz, 1600 × 1200/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz VGA Output 1920 × 1080/60 Hz, 1920 × 1080/50 Hz, 1600 × 1200/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz Corridor Mode 3/4/5/7/9/10/12/16/32 Screen 3/4/5/7/9/10/12/16/32 Two-way Audio 1-ch, RCA (Using the audio input and output) Snapshot Full-ch snapshot (max. 4000 × 3000 video resolution, with snapshot resolution same as the video resolution) Recording 12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080P/960P/720P/D1/2CIF/CIF Synchronous 16-ch Playback in Local Face Detection, Face Comparison, Vehicle Detection, SIP (Intrusion Detection, Cross Line Detection, Enter Area VCA Detection by I-cek Area), Ultra Motion Detection (UMD), Temperature Detection, Smoking Detection, Temperature Measurement, Smoke and Fire Detection, Neople Cou	Remote Users	128	
Video/Audio Input 128-ch 256-ch RCA Audio Input 1-ch Video/Audio Output 4K (3840 × 2160)/30 Hz, 1920 × 1080/60 Hz, 1920 × 1080/50 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1280 × 1024/60 Hz, 1280 × 1024/60 Hz, 1280 × 1024/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz VGA Output 1920 × 1080/60 Hz, 1920 × 1080/50 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz VGA Output 1920 × 1080/60 Hz, 1920 × 1080/50 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1024 × 768/60 Hz Cordiar Mode 1-ch Corridor Mode 3/4/5/7/9/16/25/36, HDM11/HDM12:1/4/6/8/9/16/25/36/64 Corridor Mode 3/4/5/7/9/10/12/16/32 Screen 3/4/5/7/9/10/12/16/32 Two-way Audio 1-ch, RCA (Using the audio input and output) Snapshot FUI-ch snapshot (max. 4000 × 3000 video resolution, with snapshot resolution same as the video resolution) Recording 12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080P/960P/720P/D1/2CIF/CIF Synchronous 16-ch Synchronous 16-ch Playback in Local Face Detection, Face Comparison, Vehicle Detection, SIP (Intrusion Detection, Cross Line Detection, Enter Area Leave Area), Ultra Motion Detection (UMD), Temperature Detection, Gross Line Detection, Temperature Measurement, Smoke and Fire Detection), People Counting (People Flow Counting,	Protocols		
IP Video Input 128-ch 256-ch RCA Audio Input 1-ch Video/Audio Output 4K (3840 × 2160)/30 Hz, 1920 × 1080/60 Hz, 1920 × 1080/50 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz VGA Output 1920 × 1080/60 Hz, 1920 × 1080/50 Hz, 1600 × 1200/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz CVGA Output 1920 × 1080/60 Hz, 1920 × 1080/50 Hz, 1600 × 1200/60 Hz, 1280 × 720/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 HZ CVGA Output 1920 × 1080/60 Hz, 1920 × 1080/50 Hz, 1600 × 1200/60 Hz, 1280 × 720/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 HZ Corridor Mode 3/4/5/T/9/16/25/36, HDMI1/HDMI2:1/4/6/8/9/16/25/36/64 Corridor Mode 3/4/5/T/9/10/12/16/32 Screen 3/4/5/T/9/10/12/16/32 Two-way Audio 1-ch, RCA (Using the audio input and output) Snapshot FIP/Schedule/Eve FTP/Schedule/Eve full-ch snapshot (max. 4000 × 3000 video resolution, with snapshot resolution same as the video resolution) Recording 12 MP/6 MP/6 MP/5 MP/4 MP/3 MP/1080P/960P/720P/D1/2CIF/CIF Synchronous 16-ch Playback in Local Face Detection, Face Comparison, Vehicle Detection, SIP (Intrusion Detection, Cross Line Detection, Enter Area Leave Area), Ultra Motion Detection (UMD), Temperature Detection (Fire Detection, Smoking Detection, Temperature Measurement, Smoke and Fire Detection), P	Browser (Plugin)	IE10, IE11, Chrome 45+, Edge 79+, Firefox 52+	
RCA Audio Input 1-ch Video/Audio Output 4K (3840 × 2160)/30 Hz, 1920 × 1080/60 Hz, 1920 × 1080/50 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 1020/60 Hz, 1280 ×	Video/Audio Input		
Video/Audio Output HDMI Output 4K (3840 × 2160)/30 Hz, 1920 × 1080/60 Hz, 1920 × 1080/50 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 1024	IP Video Input	128-ch 256-ch	
HDMI Output 4K (3840 × 2160)/30 Hz, 1920 × 1080/60 Hz, 1920 × 1080/50 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 1040/Fig Detection, SIP (Intrusion Detection, Sinking Detection, Term perature Masurement, Smoke and Fire Detection, SIP (Intrusion Detection, Smoking Detection, 19/10 Hz, 19/10 Hz, 19/10 Hz, 17/10 Hz, 17/10 Hz, 17/10 Hz, 17/10 Hz, 12/10 Hz, 1	RCA Audio Input	1-ch	
HDMI Output720/60 Hz, 1024 × 768/60 HzVGA Output1920 × 1080/60 Hz, 1920 × 1080/50 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 HzRCA Audio Output1-chLiveview DisplayVGA:1/4/6/8/9/16/25/36, HDMI1/HDMI2:1/4/6/8/9/16/25/36/64Corridor Mode Screen3/4/5/7/9/10/12/16/32Two-way Audio1-ch, RCA (Using the audio input and output)Two-way Audio1-ch, RCA (Using the audio input and output)SnapshotFull-ch snapshot (max. 4000 × 3000 video resolution, with snapshot resolution same as the video resolution)Recording Resolution2Jynchronous Playback in Local1-ch,Synchronous Playback in Local1-chVCA Detection by IPCFace Detection, Face Comparison, Vehicle Detection, SIP (Intrusion Detection, Cross Line Detection, Enter Area Leave Area), Ultra Motion Detection (UMD), Temperature Detection (Fire Detection, Smoking Detection, Ensty Monitoring), Video Metadata, Traffic MonitoringSmart by NVRIn the Smart Card datasheet	Video/Audio Output		
RCA Audio Output 1-ch Liveview Display VGA:1/4/6/8/9/16/25/36, HDM1/HDM12:1/4/6/8/9/16/25/36/64 Corridor Mode 3/4/5/7/9/10/12/16/32 Screen 3/4/5/7/9/10/12/16/32 Two-way Audio 1-ch, RCA (Using the audio input and output) Snapshot 5/10/10/12/16/32 FTP/Schedule/Eve nt Snapshot Full-ch snapshot (max. 4000 × 3000 video resolution, with snapshot resolution same as the video resolution) Recording 12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080P/960P/720P/D1/2CIF/CIF Synchronous 16-ch Playback in Local 16-ch Smart 5/20 Control (MDD), Temperature Detection, Cross Line Detection, Enter Area VCA Detection by Face Detection, Face Comparison, Vehicle Detection, SIP (Intrusion Detection, Smoking Detection, Inter Area VCA Detection by Face Area), Ultra Motion Detection (UMD), Temperature Detection, Cross Line Detection, Temperature Measurement, Smoke and Fire Detection), People Counting (People Flow Counting, Crowd Density Monitoring), Video Metadata, Traffic Monitoring Smart by NVR In the Smart Card datasheet	HDMI Output		
Liveview Display VGA:1/4/6/8/9/16/25/36, HDMI1/HDMI2:1/4/6/8/9/16/25/36/64 Corridor Mode 3/4/5/7/9/10/12/16/32 Screen 3/4/5/7/9/10/12/16/32 Two-way Audio 1-ch, RCA (Using the audio input and output) Snapshot 5 FTP/Schedule/Eve nt Snapshot Full-ch snapshot (max. 4000 × 3000 video resolution, with snapshot resolution same as the video resolution) Recording Full-ch snapshot (max. 4000 × 3000 video resolution, with snapshot resolution same as the video resolution) Synchronous Playback in Local Playback in Local 1-ch- Smart Face Detection, Face Comparison, Vehicle Detection, SIP (Intrusion Detection, Cross Line Detection, Enter Area Leave Area), Ultra Motion Detection (UMD), Temperature Detection (Fire Detection, Smoking Detection, Incomparison 2000, Papele Counting (People Flow Counting, Crowd Density Monitoring), Video Metadata, Traffic Monitoring Smart by NVR In the Smart Card datasheet	VGA Output	1920 × 1080/60 Hz, 1920 × 1080/50 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz	
Corridor Mode 3/4/5/7/9/10/12/16/32 Screen 3/4/5/7/9/10/12/16/32 Two-way Audio 1-ch, RCA (Using the audio input and output) Snapshot 5 FTP/Schedule/Eve nt Snapshot Full-ch snapshot (max. 4000 × 3000 video resolution, with snapshot resolution same as the video resolution) Recording Full-ch snapshot (max. 4000 × 3000 video resolution, with snapshot resolution same as the video resolution) Recording 12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080P/960P/720P/D1/2CIF/CIF Synchronous 16-ch Playback in Local 16-ch Smart Face Detection, Face Comparison, Vehicle Detection, SIP (Intrusion Detection, Cross Line Detection, Enter Area Leave Area), Ultra Motion Detection (UMD), Temperature Detection (Fire Detection, Smoking Detection, 1000 Point), Video Metadata, Traffic Monitoring Smart by NVR In the Smart Card datasheet	RCA Audio Output	1-ch	
Screen 3/4/5/7/9/10/12/16/32 Screen 3/4/5/7/9/10/12/16/32 Two-way Audio 1-ch, RCA (Using the audio input and output) Snapshot 5 FTP/Schedule/Eve nt Snapshot Full-ch snapshot (max. 4000 × 3000 video resolution, with snapshot resolution same as the video resolution) Recording FUB/S MP/6 MP/5 MP/4 MP/3 MP/1080P/960P/720P/D1/2CIF/CIF Recording 12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080P/960P/720P/D1/2CIF/CIF Synchronous 6-ch Playback in Local 6-ch Smart Face Detection, Face Comparison, Vehicle Detection, SIP (Intrusion Detection, Cross Line Detection, Enter Area Leave Area), Ultra Motion Detection (UMD), Temperature Detection (Fire Detection, SIP intrusion Detection, SIP intrusion Detection, Enter Area Leave Area), Ultra Motion Detection (UMD), Temperature Detection (Fire Detection, SIP intrusion Detection, S	Liveview Display	VGA:1/4/6/8/9/16/25/36, HDMI1/HDMI2:1/4/6/8/9/16/25/36/64	
Two-way Audio 1-ch, RCA (Using the audio input and output) Snapshot FTP/Schedule/Eve nt Snapshot Full-ch snapshot (max. 4000 × 3000 video resolution, with snapshot resolution same as the video resolution) Recording Full-ch snapshot (max. 4000 × 3000 video resolution, with snapshot resolution same as the video resolution) Recording 12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080P/960P/720P/D1/2CIF/CIF Synchronous 16-ch Playback in Local 16-ch Smart Face Detection, Face Comparison, Vehicle Detection, SIP (Intrusion Detection, Cross Line Detection, Enter Areal Leave Area), Ultra Motion Detection (UMD), Temperature Detection (Fire Detection, Smoking Detection, Inter Areal Leave Area), Ultra Motion Detection (UMD), Temperature Detection (Fire Detection, Smoking Detection, Inter Areal Smart by NVR Smart by NVR In the Smart Card datasheet Face Snapshot Search, Face Comparison Search, Motor Vehicle Search, Non-Motor Vehicle Search, Human Bod		3/4/5/7/9/10/12/16/32	
Snapshot FTP/Schedule/Eve nt Snapshot Full-ch snapshot (max. 4000 × 3000 video resolution, with snapshot resolution same as the video resolution) Recording Recording Resolution Synchronous Playback in Local Smart VCA Detection by IPC Face Detection, Face Comparison, Vehicle Detection, SIP (Intrusion Detection, Cross Line Detection, Enter Area Leave Area), Ultra Motion Detection (UMD), Temperature Detection (Fire Detection, Smoking Detection, Temperature Measurement, Smoke and Fire Detection), People Counting (People Flow Counting, Crowd Density Monitoring), Video Metadata, Traffic Monitoring Smart by NVR In the Smart Card datasheet Face Snapshot Search, Face Comparison Search, Motor Vehicle Search, Non-Motor Vehicle Search, Human Bod	Two-way Audio		
FTP/Schedule/Eve nt Snapshot Full-ch snapshot (max. 4000 × 3000 video resolution, with snapshot resolution same as the video resolution) Recording 12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080P/960P/720P/D1/2CIF/CIF Resolution 12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080P/960P/720P/D1/2CIF/CIF Synchronous 16-ch Playback in Local 16-ch Smart Face Detection, Face Comparison, Vehicle Detection, SIP (Intrusion Detection, Cross Line Detection, Enter Area VCA Detection by Face Detection, Face Comparison, Vehicle Detection), People Counting (People Flow Counting, Crowd IPC Temperature Measurement, Smoke and Fire Detection), People Counting (People Flow Counting, Crowd Density Monitoring), Video Metadata, Traffic Monitoring In the Smart Card datasheet Smart by NVR In the Smart Card datasheet	Two-way Audio	1-ch, RCA (Using the audio input and output)	
nt Snapshot Full-ch snapshot (max. 4000 × 3000 video resolution, with snapshot resolution same as the video resolution) Recording 12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080P/960P/720P/D1/2CIF/CIF Resolution 12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080P/960P/720P/D1/2CIF/CIF Synchronous 16-ch Playback in Local 16-ch Smart Face Detection, Face Comparison, Vehicle Detection, SIP (Intrusion Detection, Cross Line Detection, Enter Area) VCA Detection by Icave Area), Ultra Motion Detection (UMD), Temperature Detection (Fire Detection, Smoking Detection, Imperature Measurement, Smoke and Fire Detection), People Counting (People Flow Counting, Crowd) Density Monitoring), Video Metadata, Traffic Monitoring In the Smart Card datasheet Smart by NVR In the Smart Card datasheet	Snapshot		
Recording Resolution12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080P/960P/720P/D1/2CIF/CIFSynchronous Playback in Local16-chSmart5VCA Detection by IPCFace Detection, Face Comparison, Vehicle Detection, SIP (Intrusion Detection, Cross Line Detection, Enter Area Leave Area), Ultra Motion Detection (UMD), Temperature Detection (Fire Detection, Smoking Detection, Temperature Measurement, Smoke and Fire Detection), People Counting (People Flow Counting, Crowd Density Monitoring), Video Metadata, Traffic MonitoringSmart by NVRIn the Smart Card datasheetFace Snapshot Search, Face Comparison Search, Motor Vehicle Search, Non-Motor Vehicle Search, Human Bod		Full-ch snapshot (max. 4000 × 3000 video resolution, with snapshot resolution same as the video resolution)	
Resolution12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080P/960P/720P/D1/2CIF/CIFSynchronous Playback in Local16-chSmartFace Detection, Face Comparison, Vehicle Detection, SIP (Intrusion Detection, Cross Line Detection, Enter Area Leave Area), Ultra Motion Detection (UMD), Temperature Detection (Fire Detection, Smoking Detection, Temperature Measurement, Smoke and Fire Detection), People Counting (People Flow Counting, Crowd Density Monitoring), Video Metadata, Traffic MonitoringSmart by NVRIn the Smart Card datasheetFace Snapshot Search, Face Comparison Search, Motor Vehicle Search, Non-Motor Vehicle Search, Human Bod	Recording		
Playback in Local16-chSmartFace Detection, Face Comparison, Vehicle Detection, SIP (Intrusion Detection, Cross Line Detection, Enter AreaVCA Detection by IPCLeave Area), Ultra Motion Detection (UMD), Temperature Detection (Fire Detection, Smoking Detection, Temperature Measurement, Smoke and Fire Detection), People Counting (People Flow Counting, Crowd Density Monitoring), Video Metadata, Traffic MonitoringSmart by NVRIn the Smart Card datasheetFace Snapshot Search, Face Comparison Search, Motor Vehicle Search, Non-Motor Vehicle Search, Human Bod		12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080P/960P/720P/D1/2CIF/CIF	
VCA Detection by Face Detection, Face Comparison, Vehicle Detection, SIP (Intrusion Detection, Cross Line Detection, Enter Area VCA Detection by Leave Area), Ultra Motion Detection (UMD), Temperature Detection (Fire Detection, Smoking Detection, Temperature Measurement, Smoke and Fire Detection), People Counting (People Flow Counting, Crowd Density Monitoring), Video Metadata, Traffic Monitoring Smart by NVR In the Smart Card datasheet Face Snapshot Search, Face Comparison Search, Motor Vehicle Search, Non-Motor Vehicle Search, Human Bod	-	16-ch	
VCA Detection by Leave Area), Ultra Motion Detection (UMD), Temperature Detection (Fire Detection, Smoking Detection, Temperature Measurement, Smoke and Fire Detection), People Counting (People Flow Counting, Crowd Density Monitoring), Video Metadata, Traffic Monitoring Smart by NVR In the Smart Card datasheet Face Snapshot Search, Face Comparison Search, Motor Vehicle Search, Non-Motor Vehicle Search, Human Bod	Smart		
IPC Temperature Measurement, Smoke and Fire Detection), People Counting (People Flow Counting, Crowd Density Monitoring), Video Metadata, Traffic Monitoring Smart by NVR In the Smart Card datasheet Face Snapshot Search, Face Comparison Search, Motor Vehicle Search, Non-Motor Vehicle Search, Human Bod		Face Detection, Face Comparison, Vehicle Detection, SIP (Intrusion Detection, Cross Line Detection, Enter Area,	
Density Monitoring), Video Metadata, Traffic Monitoring Smart by NVR In the Smart Card datasheet Face Snapshot Search, Face Comparison Search, Motor Vehicle Search, Non-Motor Vehicle Search, Human Bod	VCA Detection by	Leave Area), Ultra Motion Detection (UMD), Temperature Detection (Fire Detection, Smoking Detection,	
Smart by NVR In the Smart Card datasheet Face Snapshot Search, Face Comparison Search, Motor Vehicle Search, Non-Motor Vehicle Search, Human Bod	IPC	Temperature Measurement, Smoke and Fire Detection), People Counting (People Flow Counting, Crowd	
Face Snapshot Search, Face Comparison Search, Motor Vehicle Search, Non-Motor Vehicle Search, Human Bod		Density Monitoring), Video Metadata, Traffic Monitoring	
Face Snapshot Search, Face Comparison Search, Motor Vehicle Search, Non-Motor Vehicle Search, Human Bod	Smart by NVR	In the Smart Card datasheet	
Search, General Search, People Counting Report	VCA Search	Face Snapshot Search, Face Comparison Search, Motor Vehicle Search, Non-Motor Vehicle Search, Human Body Search, General Search, People Counting Report	
Smart by IPC All channels (up to 64 images/s in total)Face Detection, Face Comparison, Vehicle Detection, Temperature Detection, SIP, UMD, Video Metadata, Traffic Monitoring	Smart by IPC	All channels (up to 64 images/s in total)Face Detection, Face Comparison, Vehicle Detection, Temperature	

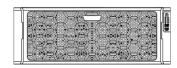
DATASHEET

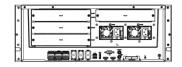
Vehicle Picture	Up to 5 vehicle picture libraries, with up to 25,000 vehicle pictures in total			
Library				
SIP by NVR	In the Smart Card datasheet			
Capacity of	5 millions records for face snapshot, 5 millions records for vehicle snapshot, 2 millions records for SIP			
Snapshot Records	5 millions records for face snapshot, 5 millions records for venicle snapshot, 2 millions records for sir			
Alarm	Alarm			
General Alarm	Defocus Detection, Scene Change Detection, Object Left Behind, Object Removed, Auto Tracking, Motion			
	Detection, Tampering, Human Body Detection, Video Loss, Alarm Input, Audio Detection			
Alert Alarm	IP Conflict, Network Disconnected, Disk Offline, Disk Abnormal, Illegal Access, Hard Disk Space Low, Hard Disk			
	Full, Recording/Snapshot Abnormal, High CPU Temperature, High Motherboard Temperature, Array Damaged,			
	Array Degraded			
GUI Language				
	38 languages: Simplified Chinese, Traditional Chinese, English, Vietnamese, Thai, Turkish, Spanish (Latin			
GUI Language	America), Portuguese (Brazil), Spanish, Portuguese, French, German, Italian, Dutch, Polish, Czech, Hungarian,			
	Slovak, Russian, Hebrew, Arabic, Ukrainian, Estonian, Bulgarian, Greek, Romanian, Danish, Swedish,			
	Norwegian, Finnish, Croatian, Slovenia, Serbia, Korean, Japanese, Latvian, Lithuanian, Persian			
Hard Disk				
SATA	24 SATA interfaces			
Capacity	Up to 16 TB for each HDD (The maximum HDD capacity varies with environment temperature)			
Disk Array Type	RAID 0, 1, 5, 6, 10, 50, 60			
Hot Swap	Support			
External Interface				
Network Interface	4 RJ45 10 M/100 M/1000 M self-adaptive Ethernet Interface			
USB	Front panel: 2 × USB2.0, Rear panel: 2 × USB3.0			
RS485	1			
RS232	1			
Alarm In	24-ch			
Alarm Out	8-ch			
eSATA	1			
miniSAS	2			
Extension Board	4			
Power Output	12 V			
Power Supply	AC 100 to 240 V			
Power Switch	Support			
Redundant Power	Support			
Supply	Support			
Working Environmen	nt			
Working				
Temperature	-10 °C to 50 °C (14 °F to 122 °F)			
Working Humidity	≤ 90% RH (non-condensing)			
Power				
Consumption	≤ 70W			
(without HDD)				

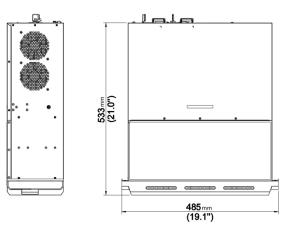
DATASHEET

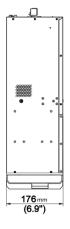
Dimensions		
Weight (without HDD)	≤ 12.5Kg (27.56lb)	
Dimensions	484.6mm × 533mm × 175.5mm (19.1"×21.0"×6.9")	
Certification		
Certification	CE; FCC; UL; RoHS; WEEE	
CE	EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 55035	
FCC	Part15 Subpart B	

Dimensions









DATASHEET

Accessories

FB-HD04-B-NB 4-ch HDMI Output Decoding Card



FB-HD07-B-NB

7-ch HDMI Output Decoding Card



DEU1016-B



PWR-DC12-550A-IN

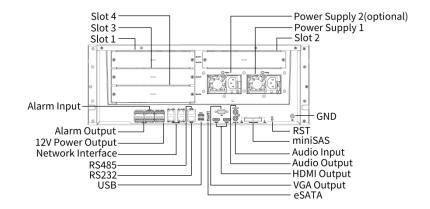
550W Power Accessories Module

SL-A Slide Rail





Rear Panel



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