

Recorder Compatibility Guide – School Bus (Dec. 2023)



Recorder	DH4V2	DH6	DH8	NH16V2-DS	NH16V2
Recording Channels	6 HD Built-in +1 IPC via Injector	6 HD Built-in +1 IPC via Injector	8 HD Built-in +1 IPC via Injector	8 HD Built-In, +2 via Injector	16 Max (8 HD Built-In, or 16 IPC via included switch) (VBH: Video Breakout Harness is optional)
Camera Types	IP, AHD, SDA*	IP, AHD, SDA*	IP, AHD, SDA*	IP, AHD, SDA*	IP, AHD, SDA*
Resolution & Frame Rate	AHD 1080p15 / 720p30 IPC 1080p30, 3Mpx30, 4K30	AHD 1080p15 / 720p30 IPC 1080p30, 3Mpx30, 4K30	AHD 1080p15 / 720p30 IPC 1080p30, 3Mpx30, 4K30	AHD 1080p30 / 720p30 IPC 1080p30, 3Mpx30, 4K30	AHD 1080p15 / 720p30 IPC 1080p30, 3Mpx30, 4K30
Codec	H.264	H.264	H.264	H.264	H.264
Storage Options	Primary: Up to 2TB HDD, 4TB SSD Backup: Up to 1TB SD Card	Primary: Up to 2TB HDD, 4TB SSD Backup: Up to 1TB SD Card	Primary: Up to 2TB HDD, 4TB SSD Backup: Up to 1TB SD Card	Primary: Up to 2TB HDD, 16TB SSD Backup: Up to 1TB SD Card	Primary: Up to 2TB HDD, 16TB SSD Backup: Up to 1TB SD Card
Power Loss Protection	Yes (Super Capacitors)	Yes (Super Capacitors)	Yes (Super Capacitors)	Yes (Super Capacitors)	Yes (Super Capacitors)
Monitored Inputs	7	10 (7 Built-In + 3 on VBH**)	10 (7 Built-In + 3 on VBH**)	11 (8 Built-In + 3 on VBH**)	11 (8 Built-In + 3 on VBH**)
Remote Status	Tri-Color Indicator with VLOSS	Tri-Color Indicator with VLOSS	Tri-Color Indicator with VLOSS	Tri-Color Indicator with VLOSS	Tri-Color Indicator with VLOSS
Accelerometer	External	External	External	External	External
Video Out for Driver Monitor	Yes (Rear Port)	Yes (Rear Port)	Yes (Rear Port)	Yes (Rear Port)	Yes (Rear Port)
Network Ports	3 (1 @ 12V PON)	3 (1 @ 12V PON)	3 (1 @ 12V PON)	5 (1 @ 12V PON)	NVR: 7 (4 @ 48v PoE) Switch: 18 (16 @ 48V PoE)
GPS & Wi-Fi	Both Built-In (802.11 AC, AN, BGN)	Both Built-In (802.11 AC, AN, BGN)	Both Built-In (802.11 AC, AN, BGN)	GPS Built-in, WiFi External	GPS Built-in, WiFi External
Locking Front Door	Yes	Yes	Yes	Yes	Yes
Rear Cable Shroud	Yes	Yes	Yes	Yes	Yes
Video Playback Software	Evidence Manager	Evidence Manager	Evidence Manager	Evidence Manager	Evidence Manager
Video Management Software	Video Management App	Video Management App	Video Management App	Video Management App	Video Management App

*SDA references Standard Definition Analog or CCTV
 **VBA references Video Breakout Harness