SWANN · NVR-8580 RN

NVR-8580 8 Channel Network Video Recorder

SONVR-88580H-AU · 8-channel PoE NVR with 2TB hard drive installed, records up to 12MP, for Swann NHD IP cameras





Video

Video input	8 channels
Video output	VGA, HDMI
Display resolution	Up to 4K

Audio

Audio input	8 x via PoE ports
Audio output	1 x RCA, 1 x HDMI

Recording

Compression format	H.264 / H.265
Recording resolution	Up to 12MP
Frame rate	Up to 15 fps at 12MP
Included hard drive	2TB
Supported hard drive size	Up to 8TB

Connection

Camera ports	8 x PoE
Network interface	RJ45 x 1
USB interface	USB 2.0 x 2, USB 3.0 x 1

Software

Computer operating system	Windows, Mac OS
Smartphone app	Swann Security app
Handheld devices	iOS, Android smartphones and tablets

General

Dimensions	9.25 x 12.2 x 2 in / 235 x 310 x 53 mm
Compatible cameras	Swann NHD IP cameras listed for NVR-8580 RN / RU on Swann's compatibility chart (max 6K / 12MP)

In the box

- NVR-8580 8-channel recorder with 2TB hard drive installed
- Power adapter
- HDMI cable
- Ethernet cable 3 ft / 1 m
- Mouse
- Operating instructions
- Theft deterrent stickers

Specifications as published by Swann Communications for the NVR-8580 8-channel recorder on au.swann.com and in Swann's camera compatibility chart (checked 10 November 2026). Cameras are not included.

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