

KONGIA Security Professional High-Endurance CCTV microSD Card 512GB

Professional 512GB storage for continuous recording in compatible security cameras, rated Class 10 / U3 / V30. KONGIA 5-year warranty.





microSD CARD
512GB · SECURITY PROFESSIONAL
Class 10 / U3 / V30 · 5-year warranty

KG-SEC-P512

WARRANTY 5 YEARS

KG-SEC-P512

5

YEAR WARRANTY

KONGIA 5-year warranty.

512GB · Security Professional

Product overview

KONGIA Security Professional 512GB microSD card for video surveillance, backed by a 5-year warranty.

KONGIA Class 10/U3/V30/A1 Security Professional 512GB belongs to the high-endurance storage line for CCTV channels, integrators and security projects. It is intended for compatible equipment requiring sustained write cycles, continuous recording and batch traceability. 4K projects and critical locations requiring high capacity. Actual performance and recording time depend on the device, resolution, compression, bitrate, temperature and usage settings.

Key features

- Designed for professional video surveillance and continuous recording in compatible equipment
- Nominal capacity: 512GB
- Rating: Class 10 / U3 / V30
- Format: microSDXC with UHS-I interface
- Reference file system: exFAT, which the compatible device may reformat
- Batch traceability for production control and after-sales support
- Compatible with security cameras and other devices supporting the stated capacity and class
- TLC NAND memory for the professional series
- KONGIA 5-year warranty.

Technical specifications

Series	KONGIA Security Professional
SKU	KG-SEC-P512
Nominal capacity	512GB
Card format	microSDXC
Interface	UHS-I
Speed rating	Class 10 / U3 / V30
Reference file system	exFAT; the device may reformat the card
Primary application	4K projects and critical locations requiring high capacity.
Availability	Regular phase 1 SKU
Sequential speed, TBW, environmental protection and temperature range	Not published pending approved evidence for the SKU and commercial batch
Usable capacity	Lower than nominal capacity due to formatting and system files
Warranty	5 years

Applications

Professional CCTV — IP cameras and compatible systems with continuous recording.

4MP/5MP cameras — Projects requiring sustained writing and traceability.

2K/4K installations — Subject to the selected capacity and equipment compatibility.

Integrators and projects — Capacity selection based on resolution, bitrate and required retention.

Contents & packaging

Standard contents: 1 microSD card. The SD adapter requires a separate declaration in the BOM and approved retail packaging. Capacity, SKU, GTIN, card marking, packaging and carton label must match before batch release.

Warranty

KONGIA 5-year warranty.