



## n5C Video Server

### Unified Video Delivery Platform



#### Supports:

- VOD
- Ad Insertion
- Unified VOD + AI
- Third generation video server
- Interoperability with existing video servers
- Reliability
- Supports MPEG-2 and MPEG-4
- Streaming capacity of up to 3600 Mb/s with up to 960 MPEG 2 SD streams, or 480 MPEG 2 SD channels, or combination
- Usable storage capacity up to 5.6 tera bytes

The n5C compact video server is the newest addition to the ARRIS n5™ product suite. The n5C leverages proven third generation server technology and On Demand application features to offer a competitive entry point for operators. The n5C enables network service providers to opt for a smaller capacity server that can economically deploy a complete set of next-generation On Demand applications: video on demand (VOD), digital program insertion (DPI), advanced advertising, network personal video recording (nPVR), and switched digital video. Employed as a Unified Video Delivery Platform, the n5C provides the economy of a single server performing both video on demand and advertising insertion with lower capital and operating expenses.

The ARRIS n5C is part of the proven n5 On Demand server platform that is customized to meet the specific demands faced by smaller markets. The server offers an expandable capacity of up to 2700 hours of MPEG-2 SD (3.75 Mb/s) or 5200 hours of MPEG-4 AVC SD storage (2 Mb/s) and up to 3,600 mbps of streaming capacity to keep up with customer demands and growing content libraries. The n5 server is also available for even larger capacity. The Unified Platform server is compatible with many billing vendors, programming guides, edge QAMs, set-top boxes, and splicers.

There are five base configurations:

- 240 streams, 1000 hours SD (3.75 Mb/s), 240 streams/120 channels\*
  - 480 streams, 1000 hours SD (3.75 Mb/s), 480 streams/240 channels\*
  - 480 streams, 1500 hours SD (3.75 Mb/s), 480 streams/240 channels\*
  - 960 streams, 2000 hours SD (3.75 Mb/s), 960 streams/480 channels\*
  - 700 AVC streams, 500 hours SD (2 Mb/s), 700 streams/350 channels\*
- \*or a combination of streams and channels that equals the capacity.

The base configurations are expandable for both streams and storage.

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## Specifications

### Unit Dimensions

Height (5RU)	8.63 in. (215 mm)
Width	17.5 in. (445 mm)
Depth (unit body)	26.25 in. (655 mm)
Depth (front to rear)	27.66 in. (685 mm)

### Electrical Specifications

Input Voltage	90–256VAC RMS, 10 A, max.
Frequency	47–63 Hz
Power Source Phasing	single-phase
Power Cord (harmonized)	IEC 320, 12 ft. (4 m)

### Power Consumption

Power Consumption	730 W
Heat Dissipation	2492 BTU (hour)

### Regulations

Meets or exceeds the following requirements:

Safety	IEC60950, UL/CSA60950, EN60950
RFI/EMI	FCC Class A Pt. 15, EN55022, CISPR 22
Immunity	EN 55024, EN/IEC 61000-4-2, 3, 4, 5, 6, 8, 11

### Certifications

Safety	UL, cUL Mark, CE Mark
EMC	FCC Class A, CE Mark

Specifications are subject to change without notice.

## System Requirements and Technical support

The n5C video server is compatible with the ARRIS complete line of VOD solutions.

## Technical Support

If you have questions about preparations for your n5 Video Server system installation, please contact ARRIS Technical Support by phone.

- Within the United States or Canada: 1-800-221-9797
- Outside the United States or Canada: 1-678-473-5656
- E-Mail: [vod-support@arrisi.com](mailto:vod-support@arrisi.com)

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