



## n5C Video Server

### Video On Demand



The n5C compact video server is the newest addition to the ARRIS n5™ product suite. The n5C enables network service providers serving smaller opportunities to 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 using a unified low cost video server platform. The new video server leverages proven third generation server technology and On Demand application features to offer a competitive entry point for operators serving communities of 16,000 customers or less.

The ARRIS n5C employs components of the proven n5 On Demand server platform, and customizes it 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 mbps) or 5200 hours of MPEG-4 AVC SD storage (2 mbps) and up to 3,600 mbps of streaming capacity to keep up with customer demands and growing content libraries. The n5C is integrated with the ARRIS On Demand Solution suite including nABLE. The server is also compatible with many billing vendors, programming guides, edge QAMs, and set-top boxes.

There are five base configurations:

- 240 streams, 1000 hours SD (3.75 mbps)
- 480 streams, 1000 hours SD (3.75 mbps)
- 480 streams, 1500 hours SD (3.75 mbps)
- 960 streams, 2000 hours SD (3.75 mbps)
- 700 AVC streams, 500 hours SD (2 mbps)

The base configurations are expandable for both streams and storage.

### Features

- Third-generation video server
- Reliability
- Supports MPEG-2 and MPEG-4
- Streaming Capacity of up to 3600 Mbps with up to 960 MPEG 2 SD streams
- Usable storage capacity up to 5.6 tera bytes

## 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	650 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: 1-800-799-5727
- Outside the United States or Canada: 1-503-268-6550