



# CS468INT 16-Port RFID Reader



## Product Features

**High Power (30dBm) Derivative** of CS468.

**16-ports for connecting up to 16 antennas.**

**Long read range of 12 meters** depending on tag.

**High read rate 300 tags/second.**

**Fast antenna switching.**

**Dense Reader Mode (DRM) available.**

**Ethernet connectivity**, with PoE (PoE+ or IEEE802.3at recommended).

**CSL Unified API** - Same API as that of CS203, CS469 and CS101 readers.

**Lowest solution cost per read point** in the industry.

CS468INT 16-Port Reader is the derivative of CS468 with integrated upper and lower body to give **3dB higher output power**. The reader is an Ethernet POE connected UHF EPC C1 G2 RFID reader that contains 16 ports to connect to antennas that enables one reader to manage large areas and provide location based data. **This reader boasts the lowest per read point deployment cost in the industry**. The reader has very high speed antenna switching, making it suitable for exceptional fine grain multiport operations including smart-shelf for jewelry retails, document control, libraries, multi-lanes reading for vehicle tracking, and applications that either continuous monitoring or periodic inventory of large number of separated areas is required. RFID Reader comes with the same API as CS203 and CS469 - CSL Unified API, so application development time and cost are reduced, resulting in a faster time to market.

## Applications

Retail jewelry  
Asset management  
Logistics  
Quality control

Library management  
Personnel tracking  
Document management  
Patient monitoring

Production line management  
Pharmaceuticals  
Uniform tracking  
Sports timing

<b>Dimensions</b>	Length: 272 mm (10.71 in); Width: 142 mm (5.6 in); Thickness: 47 mm (1.86 in);
<b>Weight</b>	1.15 kg
<b>Read Range</b>	CS468-4INT with CS771S-2 antenna: 12 meters with DogBone tags from Smartrac
<b>Read Rate</b>	300 tags /second
<b>Protocol</b>	ISO18000-6C, EPC UHF Class 1 Gen 2, Dense Reader Mode available (Class 3 Gen 2 compliant)
<b>Frequency Range</b>	One of the following: 865-868 MHz, 865-867 MHz, 902-928 MHz, 922-928 MHz, 920-925 MHz, 915-922MHz
<b>Output Power</b>	Up to 30 dBm at RF connector
<b>RF Connectors</b>	Reverse Polarity SMA Jack
<b>External Control</b>	2 x GPO and 2 x GPI
<b>Environment</b>	Operating Temperature: -20°C to 50°C (-4°F to 122°F) Storage Temperature: -40°C to 85°C (-40°F to 185°F) Humidity: 95% Non-condensing
<b>Usage</b>	Indoor use only, NEMA enclosure box is required for protection in outdoor environment
<b>Connectivity</b>	Ethernet, USB
<b>Power Supply</b>	DC supply (12 V, 2.5 A), or use PoE (PoE+ or IEEE802.3at required)
<b>Order Code</b>	CS468- <b>N</b> INT
	N=1: 865-868 MHz (Europe) & 865-867 MHz (India), N=2: 902-928 MHz (USA), N=4: 922-928 MHz (Taiwan), N=7: 920-925 MHz (China, Australia, Malaysia, Hong Kong etc.), N=8: 915-922 MHz (Japan).

