



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+ (IEEE802.3at).

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

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

