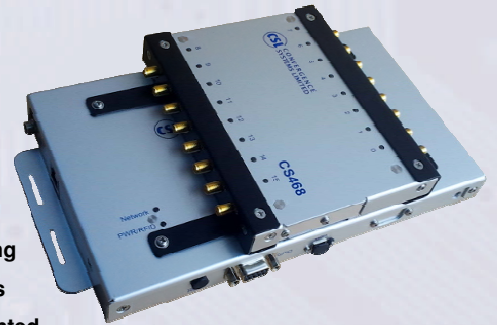


# CS468-1INT 16-Port RFID Reader for CE/India Frequency Range

## Product Profile:

CS468-1INT 16-Port Reader is an Ethernet connected UHF EPC C1 G2 RFID reader with long read range and high read rate. This 16 port reader has fine grain control of RF output from the 16 ports that enables very high speed antenna switching, making it be suitable for fine grain multiport operations including smart-shelf for retails, document control, multi-lanes reading for vehicle tracking, and applications that either continuous monitoring or periodic inventory of large number of segmented space is needed. With the same API as CS203 integrated reader, the application development time can be greatly reduced and leading to faster time to market.



## Features:

- 16 ports reader with long read range and high read rate
- Fine gain control of RF output for fast antenna switching
- Dense Reader Mode (DRM) available
- Ethernet connectivity
- Same API as that of CS203 integrated reader

## Specifications:

<b>Physical Characteristics:</b>	Length: 272 mm; Width: 142 mm; Thickness: side by side – 25 mm & 22 mm; piggy-backed – 47 mm; Weight = 1.15 Kg
<b>Read Range:</b>	CS468-1INT with CS772S-1 antenna: 7 meters with AD431 tags from Avery Dennison and 12 meters with Dogbone tags from UPM Raflatec (with 30dBm output)
<b>Read Rate:</b>	~ 300 tags/second per port for selected Gen2 profile (max.) ~ 150 tags/second per port (typical)
<b>Protocol:</b>	ISO18000-6C, EPC UHF Class 1 Gen 2, Dense Reader Mode available (Class 3 Gen 2 Compliant)
<b>Frequency Range:</b>	865-868 MHz (CE), 865-867 MHz (India)
<b>Output Power:</b>	Up to 30dBm 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 Temp: -20°C to 50°C (-4°F to 122°F) Storage Temp: -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>	12 Volt DC supply
<b>Order Code:</b>	CS468-1INT