

# GEN 2

## GLOBAL STANDARD

**Reader/Writer,  
Antenna**

Unmatched Performance  
Highest Quality  
Best Delivered Value





## Reader/Writer

### GENERAL SPECIFICATIONS

### BI/MONO-STATIC

Item	V740-BA50C22A (Bi-Static)	V740-BA50C04A (Mono-Static)
Operating Frequency	902 to 928MHz	902 to 928MHz
Supported Protocols	EPC Class0/0+, Class1, Gen2	EPC Class1, Gen2
Number of Antenna Ports	4	4
Interface Port	Ethernet	Ethernet
I/O Interface: Input	2 Photo coupler Input 20mA Max, 5 to 10mA typical	2 Photo coupler Input 20mA Max, 5 to 10mA typical
I/O Interface: Output	3 open collector outputs 24VDC Max, 20mA Max Internal resistance 360 ohm	3 open collector outputs 24VDC Max, 20mA Max Internal resistance 360 ohm
Supplied Voltage by AC Adapter	24Vdc, 2.0A	24Vdc, 2.0A
Power Supply	Normal 100-240Vac, 50/60Hz	Normal 100-240Vac, 50/60Hz
Operating Temperature	32 to 104°F (0 to 40°C)	32 to 104°F (0 to 40°C)
Storage Temperature	-4 to 149°F (-20 to 65°C)	-4 to 149°F (-20 to 65°C)
Operating Humidity	25% to 85% RH (non condensing)	25% to 85% RH (non condensing)
Protective Rating	IP40	IP40
Regulatory Compliance	FCC Part 15, CSA	FCC Part 15, CSA
Dimension (LxWxD)	12.1 x 11.3 x 1.6 in (308 x 286 x 40mm)	12.1 x 11.3 x 1.6 in (308 x 286 x 40mm)
Weight	3.4 lbs. (1.5Kg)	3.4 lbs. (1.5Kg)



## Antenna

### GENERAL SPECIFICATIONS

### BI-STATIC

### MONO-STATIC

Item	V740-HS02CA (Bi-Static)	V740-HS01CA (Mono-Static)
Operating Frequency	902 to 928MHz	902 to 928MHz
Impedance	50ohm	50ohm
Polarization	Circular	Circular
Gain	6dBi max	6dBi max
Operating Temperature	14 to 122°F (-10 to 55°C)	14 to 122°F (-10 to 55°C)
Storage Temperature	-13 to 149°F (-25 to 65°C)	-13 to 149°F (-25 to 65°C)
Operating Humidity	25 to 85% RH non condensing	25 to 85% RH non condensing
Protective Rating	IP50	IP50
Dimension (LxWxD)	19.5 x 5.6 x 2.7 in (496 x 221 x 70mm)	10.1 x 10.1 x 2.3 in (256 x 256 x 2.3 in)
Weight	3.4 lbs (1.5Kg)	2.3 lbs (1.0Kg)

## Omron RFID Division

### JAPAN

1-11-1 Osaki,  
Gate City Osaki West 14F  
Shinagawa-ku,  
Tokyo 141-0032 Japan  
Phone: +81-5435-2016  
Fax: +81-5435-2017

### NORTH AMERICA

1920 Thoreau Dr  
Suite 165  
Schaumburg, IL 60173 USA  
Phone: 888-303-RFID (7343)  
Fax : 847-925-1260

### EUROPE

Wegalaan 57  
2132 JD Hoofddorp  
The Netherlands  
Phone : +31-235681200  
Fax : +31-235681222

### CHINA

Rm. 302, AZIA center,  
1233 Lujiuzui Ring Road  
Pudong New Area, Shanghai  
200120, PRC.  
Phone: +86-21-5888-1666  
Fax: +86-21-5888-7633/7933