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Find the *OMRON V720S-HMF01* at our website: ***Click HERE***

OMRON

V720-Series Electromagnetic Inductive CF Card-type RFID Unit
V720S-HMF01

Omron's CF Card-type RFID Unit Connects to a Variety of PDAs (Personal Digital Assistant) and It's Compact Size Ensures Easy Portability for Use Virtually Anywhere

- Applies i-CODE1 chip and i-CODE SLI (ISO/IEC 15693) chip technology from Phillips Semiconductors.
- Readily available Windows CE based PDA interface: Compact Flash Type 2 (www.compactflash.org/).
- Highly versatile functions, such as Read/Write modes, in a compact size.
- Combining the V720S-HMF01 with a Windows CE based PDA costs much less than most hand-held RFID readers.



Ordering Information

■ List of Models

Item	Model
Compact flash card-type RFID unit	**V720S-HMF01**

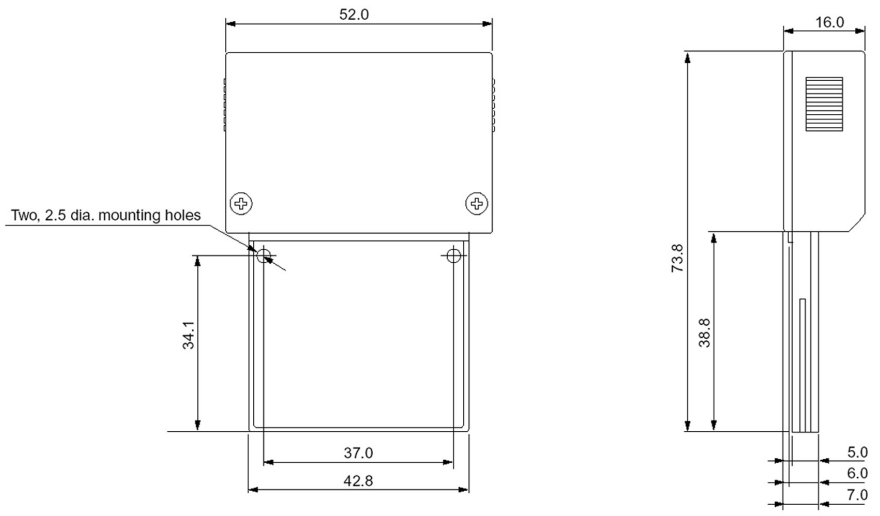
Specifications

Item	Specifications
Communications frequency	13.56 MHz
Ambient temperature in operation	0°C to 50°C with no icing
Weight	Approx. 30g
Supply voltage	3.3 VDC ±5%
Antenna dimensions	52 W x 35 H x 16 D mm (The dimensions of the portion of the antenna extending from the PDA when the unit is mounited in the PDA)
Current consumption	Approx. 175 mA (oscillating), Approx. 100 mA (not oscillating)
Communications range	30 mm with V720-D52P40
Interface	Compact Flash Type 2 (9,600 bps)

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Dimensions

Note: All units are in millimeters unless otherwise indicated.



Communications Time (Reference Value)

Command	i-CODE	i-CODE SLI
Read	T = 1.3 N + 6.2	T = 1.3 N + 6
Write	T = 13 N + 13.5	T = 13.6 N + 15.5

Note: 1. T = Communications Time (msec)
2. N = Number of pages (1 page is 4 bytes)

Communications Range

■ Between V720S-HMF01 and i-CODE1 Tag Inlet

Tag inlet	Communications range (see note)
V720-D52P01	45 mm
V720-D52P02	45 mm
V720-D52P03	3 to 14 mm
V720-D52P04	3 to 15 mm

■ Between V720S-HMF01 and i-CODE SLI Tag Inlet

Tag inlet	Communications range (see note)
V720S-D13P01	45 mm
V720S-D13P02	45 mm

Note: The communications range depends on the environmental conditions, such as temperature, humidity, electronic noise, etc.

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ALL DIMENSIONS SHOWN ARE IN MILLIMETERS. To convert millimeters into inches, divide by 25.4

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