

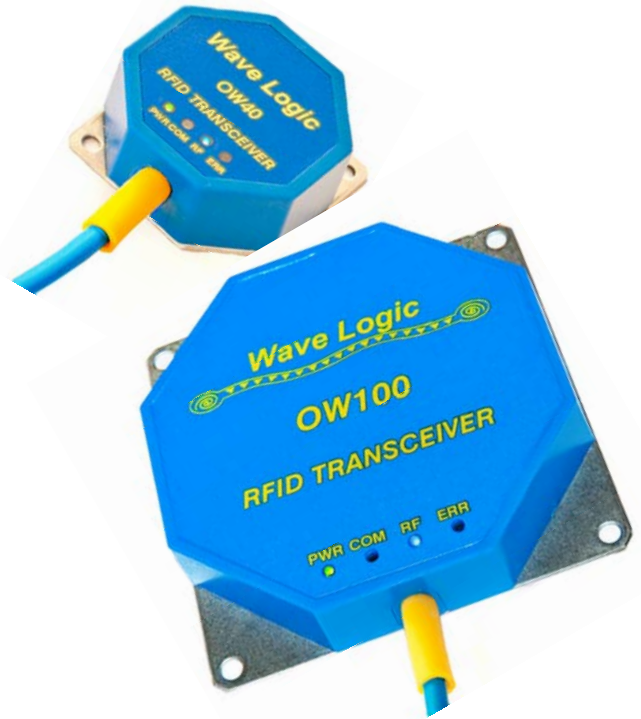
Wave Logic



OCTO WAVE™ HF 13.56MHz RFID TRANSCEIVERS

Wave Logic Introduces two new small form factor RFID high frequency (HF) transceivers in 40mm octagonal and 100mm octagonal form factors for factory production line automation and robotic operations

- Both versions offer compact form factors for ease of integration
- IP67 rated enclosure
- Metal mountable
- 3m shielded cable
- RS232 serial interface
- RS485 and USB versions also available
- Aggressively priced against competitive products
- Four LEDs for transceiver status
- ISO 15693 & ISO 18000-3
- 200mW output power
- 5Vdc-12Vdc, 200mA
- ISO15693
- ISO18000-3
- Tag-It



OCTO WAVE™ 40mm & 100mm Octagonal
ISO15693 RFID Transceivers
Models OW40 and OW100

Target Applications:

- Factory Automation
- Robotic Operations
- Integration into OEM equipment
- Pharmaceutical and Biomedical Processes
- Asset tracking

WAVE LOGIC INC, 175 EL PUEBLO RD, UNIT #28, SCOTTS VALLEY, CA 95066 USA

PHONE: 831 515 5699

www.wave-logic.com

Revision 140918

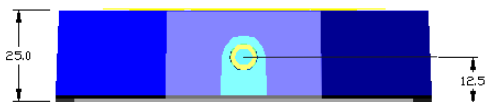
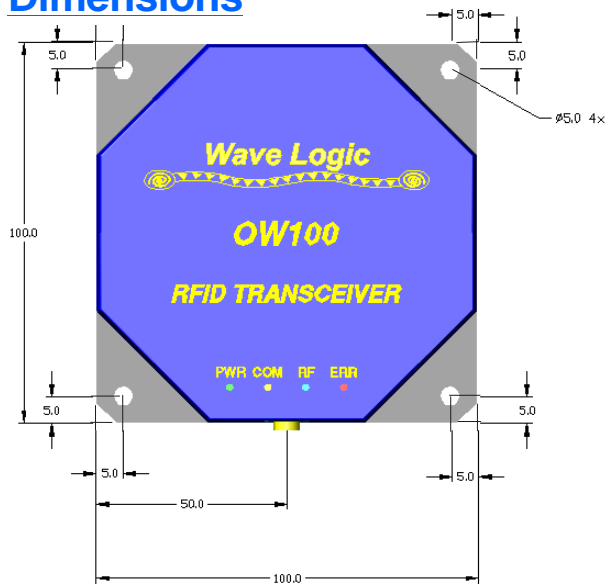
Wave Logic



Specifications

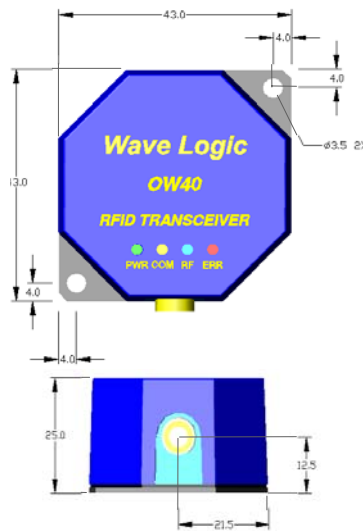
<p>Tag Protocols:</p> <ul style="list-style-type: none"> • ISO15693 • ISO18000-3 • Tag-It • ISO14443A/B (pending) <p>RF Data Rates:</p> <ul style="list-style-type: none"> • ISO14443 (pending) 106kbs, 212kbs, 424kbs, 848kbs • ISO15693 26.48kbs 	<p>*Read/write Distance:</p> <ul style="list-style-type: none"> • OW40 = 40mm* • OW100 = 150mm** <p>Serial Interface</p> <ul style="list-style-type: none"> • RS232 <p>Serial Communication:</p> <ul style="list-style-type: none"> • RS232 9600 to 115k Baud Rates. <p>*25mm Round NXP SLi **50mm Square NXP SLi</p>	<p>***Certifications:</p> <p><i>Certification Pending</i></p> <p>Dimensions:</p> <ul style="list-style-type: none"> • See drawings <p>Weight:</p> <ul style="list-style-type: none"> • OW40 = 160g • OW100 = 350g <p><i>***Certifications Pending</i></p>	<p>Electrical:</p> <ul style="list-style-type: none"> • 5-12Vdc, 200mA (max) <p>Ingress protection:</p> <ul style="list-style-type: none"> • IP67 Rating <p>Shock & Vibration:</p> <ul style="list-style-type: none"> • IEC 68-2-6 Test FC 1.5mm, 10 to 55Hz: 2 Hours each Axis • IEC 66-2-27 Test EA 30g; 11msec: 3 Shocks per Axis <p>Temperature:</p> <ul style="list-style-type: none"> • Operating: -10° to +40° C • Storage: -20° to +70° C
--	--	---	---

Dimensions

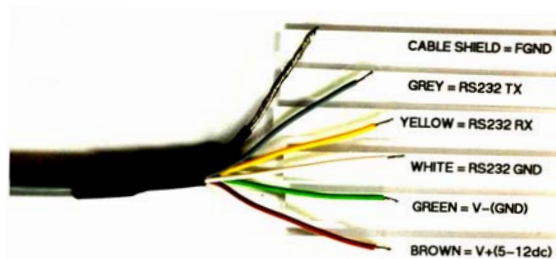


OW100
100mm OCTO WAVE™

All dimensions are in mm.



OW40
40mm OCTO WAVE™



WAVE LOGIC INC, 175 EL PUEBLO RD, UNIT #28, SCOTTS VALLEY, CA 95066 USA

PHONE: 831 515 5699

www.wave-logic.com

Revision 140918