



OMEGACARESM extended warranty program is available for models shown on this page. Ask your sales representative for full details when placing an order. OMEGACARESM covers parts, labor and equivalent loaners.



OEM Version Available!
Visit omega.com/os550a-bb_series

OS550AM infrared industrial thermometer in an aluminum case.

WUSB wireless receiver.

WRS232-USB wireless transceiver, sold separately.

Optical Table*

Optical Range Code	Field of View (FOV)
1	Spot size 8.9 @ 609 mm (0.35 @ 24")
2	Spot size 12.7 @ 76 mm (0.5 @ 3")
3	Spot size 25.4 @ 508 mm (1 @ 20")
4	Spot size 25.4 @ 762 mm (1 @ 30")
5	Spot size 25.4 @ 914 mm (1 @ 36")
6	Spot size 3.8 @ 152 mm (0.15 @ 6")

To Order Visit omega.com/os550a for Pricing and Details

NEMA 4 Rated Plastic Enclosure

Model No.	Range	Analog Output	RS232/PC Software
OS551A-MV-(*)	-23 to 400°C (-10 to 750°F)	1 mV/Deg	—
OS551A-MA-(*)	-23 to 400°C (-10 to 750°F)	4 to 20 mA	—
OS551A-V1-(*)	-23 to 400°C (-10 to 750°F)	0 to 5 Vdc	—
OS552A-MV-(*)	-23 to 538°C (-10 to 1000°F)	1 mV/Deg	Standard
OS552A-MA-(*)	-23 to 538°C (-10 to 1000°F)	4 to 20 mA	Standard
OS552A-V1-(*)	-23 to 538°C (-10 to 1000°F)	0 to 5 Vdc	Standard
OS553A-MV-(*)	-23 to 871°C (-10 to 1600°F)	1 mV/Deg	Standard
OS553A-MA-(*)	-23 to 871°C (-10 to 1600°F)	4 to 20 mA	Standard
OS553A-V1-(*)	-23 to 871°C (-10 to 1600°F)	0 to 5 Vdc	Standard
OS554A-MV-(*)	-18 to 1370°C (0 to 2500°F)	1 mV/Deg	Standard
OS554A-MA-(*)	-18 to 1370°C (0 to 2500°F)	4 to 20 mA	Standard
OS554A-V1-(*)	-18 to 1370°C (0 to 2500°F)	0 to 5 Vdc	Standard

NEMA 4 Rated Aluminum Enclosure

OS551AM-MV-(*)	-23 to 400°C (-10 to 750°F)	1 mV/Deg	—
OS551AM-MA-(*)	-23 to 400°C (-10 to 750°F)	4 to 20 mA	—
OS551AM-V1-(*)	-23 to 400°C (-10 to 750°F)	0 to 5 Vdc	—
OS552AM-MV-(*)	-23 to 538°C (-10 to 1000°F)	1 mV/Deg	Standard
OS552AM-MA-(*)	-23 to 538°C (-10 to 1000°F)	4 to 20 mA	Standard
OS552AM-V1-(*)	-23 to 538°C (-10 to 1000°F)	0 to 5 Vdc	Standard
OS553AM-MV-(*)	-23 to 871°C (-10 to 1600°F)	1 mV/Deg	Standard
OS553AM-MA-(*)	-23 to 871°C (-10 to 1600°F)	4 to 20 mA	Standard
OS553AM-V1-(*)	-23 to 871°C (-10 to 1600°F)	0 to 5 Vdc	Standard
OS554AM-MV-(*)	-18 to 1370°C (0 to 2500°F)	1 mV/Deg	Standard
OS554AM-MA-(*)	-18 to 1370°C (0 to 2500°F)	4 to 20 mA	Standard
OS554AM-V1-(*)	-18 to 1370°C (0 to 2500°F)	0 to 5 Vdc	Standard

* Specify optical range code from optical table, above (-2 field of view is not offered with OS554A).

To order with longer sensor head cable, up to 15 m (50'), add suffix "(-†)FT" to model number for additional cost for each additional foot over 4.5 m (15').

† Specify length in feet.

Ordering Examples: OS552A-MA-2, infrared thermometer with -23 to 538°C (-10 to 1000°F) range, 4 to 20 mA output and spot size 12.7 mm (0.5") at 76 mm (3").

OS551A-MA-2-35FT, OS551 with current output, 0.5 at 76 mm (3") FOV, 10.6 m (35') sensor head cable.

OCW-3, OMEGACARESM extends standard 2-year warranty to a total of 5 years.