

Technical data

Dimensions (L.W.H.)	230 x 200 x 175 mm / 9 x 7,9 x 6,9 in
Dimensions with 4.3" / 5" display (L.W.H.)	230 x 240 x 215 mm / 9 x 9,5 x 8,5 in
Weight (battery included)	Min 1600 g / 3,5 lb - Max 2100 g / 4,6 lb
Max number of ON/OFF commands	32
Max number of analog commands	32
Max number of monoaxial joysticks	6
Max number of biaxial joysticks	2
Range	100 m / 330 ft
Casing material	Charged Nylon UL94 HB
Battery	NiMh 2,4V 4300 mAh / Li-ion 3,7V 6700 mAh
Autonomy without display at 20°C with NiMh battery in continuous operation	= 22 hours

STOP	Up to PLe Cat.4/SIL3
UMFS protection	JOYSTICK Up to PLd Cat.3/SIL3
SELECTOR LEVER - BUTTON	Up to PLc Cat.2/SIL2
Operating frequency 1	I.S.M. Band 433.050-434.790 MHz 69 ch.
Operating frequency 2	I.S.M. 434.040-434.790 MHz 30 ch.
Operating frequency 3	2,4 GHz, 38 ch.
Operating frequency 4	I.S.M. Band 863.100-869.850 MHz 32 ch.
Operating frequency 5	Band 915.200-927.800 MHz 64 ch.
Color graphic display (optional)	5" / 4,3"
Monochromatic display (optional)	3,5"
Operating temperature	-25°C +55°C / -13°F +133°F
Degree of protection	IP 65

Maximum operability in all light conditions

The new IMET displays have been designed for use in any work environment:

These displays are equipped with a backlighting system that provides excellent performance, both in bright environments and in the absence of light. Two themes (Dark mode and Light mode) that are available on board and manually adjustable by the user, make using of the remote control even easier and more comfortable.



GFX & CDS DISPLAY



GFX



CDS

Display	5"	4.3"
Colors	16.7M	16.7M
Resolution	800x480	480x272
Format	16:9	16:9
Surface Luminance	1000 cd/m ²	800 cd/m ²
Angular visibility θ _T θ _B θ _L θ _R	80° MIN, 85° TYP	80° MIN, 85° TYP
Internal memory	128 MB	> 2 GB
IDE	TouchGFX 4.24 Designer	CODESYS V3.5 SP19
Communication interface	USB, JTAG	USB, Ethernet
Supported images	.png / .svg	.png / .jpeg / .svg / .jpg / .bmp
Supported video	MJPEG AVI	/
Case material	Charged Nylon UL94 HB	Charged Nylon UL94 HB
Themes	2: Dark mode and Light mode	2: Dark mode and Light mode
SW license	Free on-chip	On payment (included)
Autonomy (Li-Ion battery)	7.5 h	9.5 h
Autonomy (Li-Ion battery) Backlight 100% active		
Autonomy (Li-Ion battery) Backlight at factory setting	10 h	12 h



SCAN THE QR CODE TO VIEW
ZEUS3 ON OUR WEBSITE



IMET s.r.l. reserves the right to make eventual changes to the product without notice.

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RADIO REMOTE CONTROL

RADIO REMOTE CONTROLS SINCE 1988



ZEUS3



Global partner for innovation



Ergonomics

In the design of ZEUS3, every single element has been reviewed to prioritize ergonomics and the operator's user experience. It features a manageable handlebar and a support belt that allow the operator to wear it comfortably during operations. The combination of solutions adopted reduces fatigue and improves productivity, offering greater stability and ease of use for extended and complex tasks.

NEW

ZEUS3

Solid and versatile

It's power in action, a blend of reliability and versatility wrapped in a command station without compromises. With a compact yet powerfully optimized design, every millimeter is maximized to offer you the complete customization you need. Designed for complex applications, it supports up to 6 single-axis joysticks or 2 dual-axis joysticks, while its spacious lateral areas allow you to easily add auxiliary controls. ZEUS3 is not just a transmitter; it's a workhorse designed to break through every limit.

Durability

With a focus on sustainability and long-term preservation, it uses high-quality materials and components. IMET radio controls are designed to be used in the most extreme environments. To ensure durability, the products are tested internally with instruments that verify the protection level against liquid and dust penetration, aging through climatic tests, UV light, salt mist, and incandescent wire tests.

No limits of application!



IMET supports Manufacturers and System Integrators in customizing products according to the needs of their applications. Prototypes and pilot series are created. Once the specifications are defined, the customer plans the supplies. The technology and systems that IMET has invested in, enable a large and diversified production capacity, ensuring product repeatability within timelines that meet the customer's needs.

Total configurability

The CNC drilling of the boxes and the multi-colored digital printing and cutting of the panels are done internally. Along with a highly dynamic Technical Department, IMET can meet the most varied needs of manufacturers. The positioning of the components and the symbology are fully customizable.

Certified Quality and Safety

ZEUS3 is certified according to international standards, ensuring global coverage. With these certifications, ZEUS3 is the professional partner for use in all markets, providing high quality and safety.

