

WIRELESS HANDHELD DISPLAY



Type: **EFMD**

- UP TO 12 TRANSMITTERS
- IP67 / NEMA 4
- RANGE UP TO 800 M
- 2 x AA · 35 H RUNTIME



IP67



2,4 GHz



Display

KEY DATA

Inputs	up to 12 transmitters, 2.4 GHz
Range	up to 800 m
Power	2 x AA, 35 h continuous operation
Enclosure	IP67 / NEMA 4, 170 x 93 x 40 mm

Matching transmitters: EFMC (enclosure) and EFMF (OEM board).



office@octogon.org |



+43 676 3628453



octogon GmbH | Roseggerstrasse 16 8700 Leoben | Austria



OVERVIEW

Wherever a reading is needed but a cable is not: on cranes and under-hook scales, on shoring struts, on test rigs and rotating shafts. The operator walks to the measuring point, switches on and reads – commissioning, acceptance tests and fault finding without laying a cable or opening a cabinet. The handheld reads up to twelve transmitters and shows tare, minimum, maximum and signal strength per input.

READINGS AND RANGE

- up to 12 transmitters on one device
- range up to 800 m line of sight
- tare, min, max and signal strength per input

POWER AND OPERATION

- 2 x AA cells, 35 h continuous operation
- IP67 / NEMA 4 with high grip surface
- setup on the device or with the PC software



TECHNICAL DATA

INPUT AND MEASUREMENT

Number of inputs	up to 12 transmitters
Operating modes	roaming (automatic detection) · defined inputs
Settings per input	name, calibrated units, overload alert

ENVIRONMENT AND MECHANICS

Operating temperature	−10 ... +50 °C
Storage temperature (no batteries)	−40 ... +85 °C
Humidity	max. 95 % RH
Protection	IP67 / NEMA 4
Dimensions	170 × 93 × 40 mm (H × W × D)
Enclosure	rugged, high grip tactile surface
Mounting	mounting kit with articulating arm as accessory

OUTPUTS AND INTERFACES

Radio	licence exempt transceiver, 2.4 GHz, DSSS
Transmit power	10 mW
Range	up to 800 m (2 600 ft) open field, 3 m above ground
Coexistence	Wi-Fi, Bluetooth, Zigbee
USB	for configuration with the PC software

DISPLAY AND OPERATION

Displays	list · detail with tare, minimum and maximum · signal strength
On the device	full menu system, Menu/OK and arrow keys
Software	free of charge, via USB
Protection	PIN per menu group · password for input definition
Display layout	replaceable · firmware upgradeable through the PC software

POWER SUPPLY

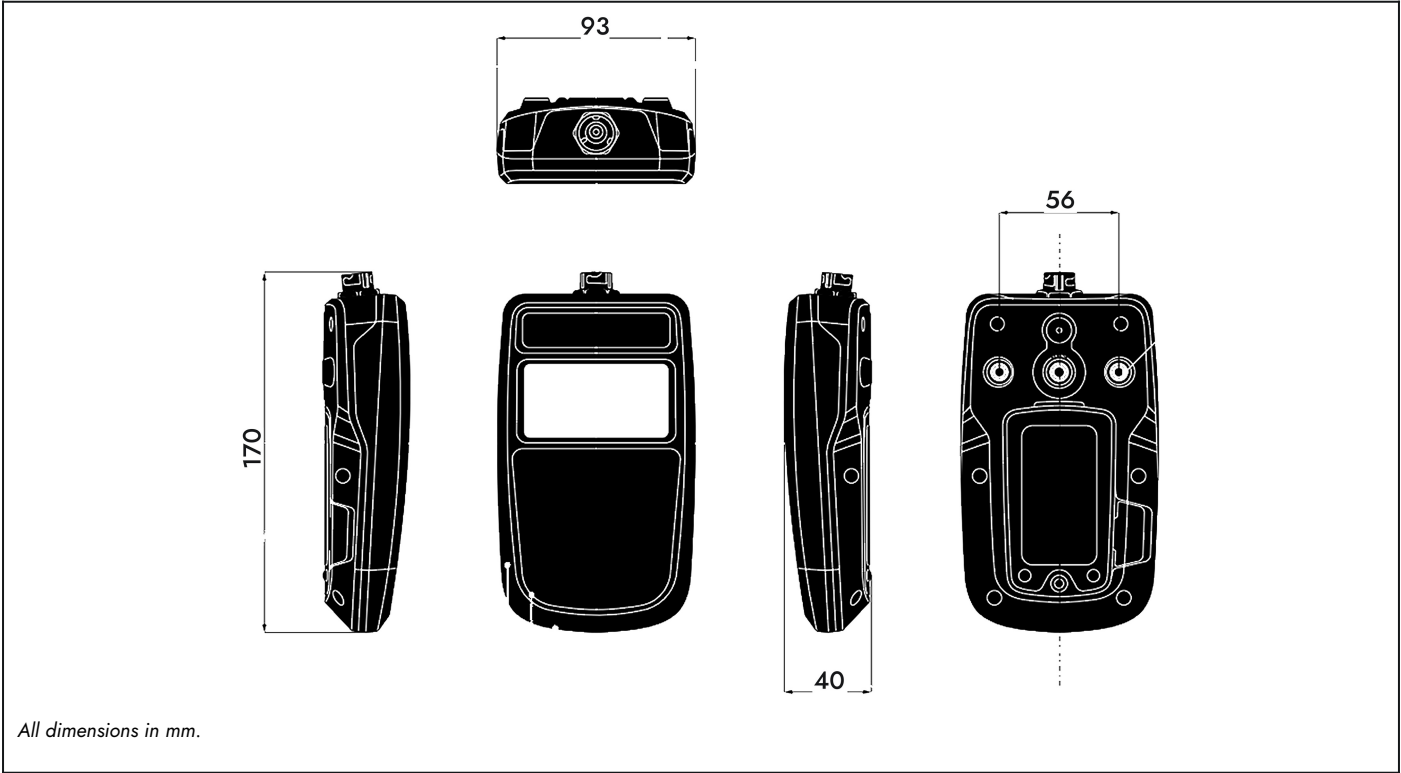
Internal batteries	2 × AA 1.5 V alkaline primary cells · 2.5 ... 3.6 V DC
Continuous operation	35 h (based on 2 Ah cells)
Standby (powered off)	1.5 years
Permanent supply	possible for fixed installations

FUNCTIONS

Applications	cranes and under-hook scales, shoring struts, test rigs, rotating shafts – wherever a reading is needed but a cable is not
Per input	tare, minimum, maximum, signal strength



DIMENSIONS (mm)



COMPLIANCE AND CERTIFICATION

	CE	declared by octogon
	IP67 / NEMA 4	enclosure
	Radio approvals	FCC · ETSI · IC

ACCESSORIES AND OPTIONS

USB cable	right angle, 1 m
Screw mounting kit	with articulating arm
Suction mounting kit	with articulating arm

Manufacturer type: T24-HK-S.

