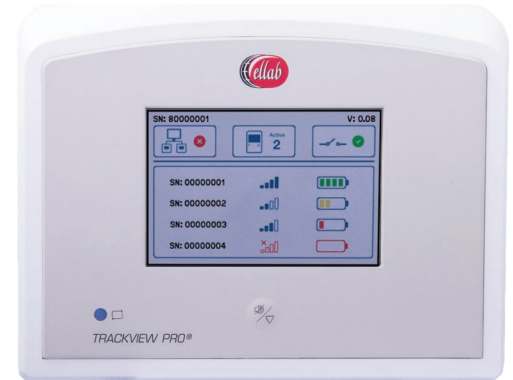




# TrackView Pro Network Access Point for Environmental Monitoring



TrackView Access Points are the gateway between the TrackView Pro RF transmitters and the EMSuite software. They are required for all applications where RF communication will be required.

Ellab has optimized the wireless communication range to ensure an optimal system infrastructure. LoRa radio communication protocol ensures that all transmitted data is secure via HTTPS encryption. Two-way communication between the TrackView Pro RF transmitters and the Access Points provide confidence that all data is collected without loss. All data is captured, encrypted, and communicated securely, thereby maintaining data integrity. Each TrackView Pro Access Point can communication with up to 32 TrackView Pro RF transmitters. Multiple Access Points can be leveraged within a single site, or multiple sites around the world making the system easy to scale to fit your organization whether that is a single location or multiple sites around the world.

The Access Points utilize an Ethernet connection to transfer data to the EMSuite software platform. Each Access Point can be connected with either Power-over-Ethernet (PoE) or connected to standard Ethernet and using a separate AC outlet as the power source.

The Access Point includes a color HMI display which provides viewability to critical system information for the RF Transmitters including alarm status, battery levels, and RF signal strength. Alarms can be configured to trigger an on-board buzzer. Additional physical alarms can be utilized with the two on-board relays to connect outputs such as sirens and flashing lights.

## Key Features & Benefits



**LoRa Radio Communication**  
2-way RF communication for total data integrity



**Connection with up to 32 TrackView Pro RF transmitters**



**Backup battery**



**Proprietary HTTPS secure communication**



**Auto detects new TrackView Pro transmitters and sensors added to the system**



**Digital color display**



**Relay outputs for sound beacons, flashing lights, SMS and autodialers**



**POE or standard Ethernet with separate power supply**



**Multiple Access Points per site and across many sites**

Interested in this product?  
[Contact Sales Today](#)



Manufactured by Ellab

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## Technical Specs

Communication	
Wireless Communication range	100m+/ 328ft.+
Wireless connection per Access Point	Up to 32 TrackView Pro Transmitters simultaneously
Communication with transmitters	LoRa Radio 868-920MHz
Communication with Server/ Cloud Database	10/100-Mbps Ethernet (automatic switching)
Communication and/or power connector	RJ45

Outputs	
Relay Outputs (x2)	Mini-DIN switch contact (3 pole) (both NO and NC)

Power Supply	
<b>Option 1 - Power-Over-Internet</b>	
- PoE voltage	36 - 57VDC
- PoE Standard	IEEE 802.3af
<b>Option 2 - Standard DC Input</b>	
- DC Input	Supplied 12VDC AC/DC Power Supply
<b>Backup Power Supply</b>	
- Backup Battery	NiMH
- Battery hours	3 hours

Operational conditions	
Temperature Range	-20°C to 60°C
Humidity Range	0 to 90% non-condensing
International Protection Rating	IP30

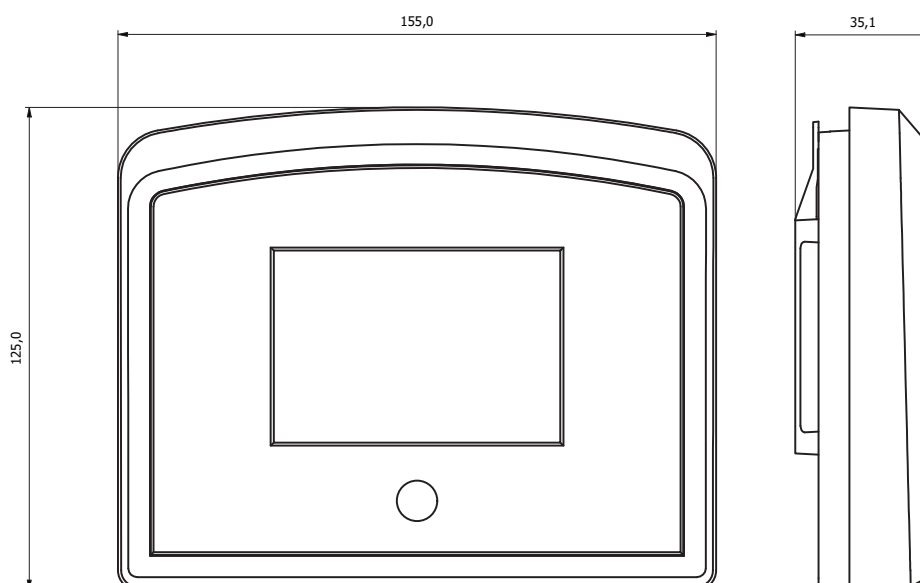
Compliance & Directives	
Operating Frequency	868MHz EU
TelCom approvals / Radio approvals	915MHz USA FCC / Canada IC 920MHz Japan ARIB
Product Safety Compliance / CE-Conformity	Product is CE and UKCA marked
EMC compliance	In Compliance with EMC Directive
Electrical safety	The provided AC/DC power supply is CE marked by OEM supplier. It hereby complies with Low Voltage Directive
Recyclability / WEEE compliance	In Compliance with WEEE Directive
Declarations & Certification / RoHS Compliance	Product is CE and UKCA marked.

Maintenance & Cleaning	
Recommended cleaning method (Soft tissue)	70% Ethanol 10% H2O2 Water and mild detergents
Alternative cleaning agent(s)	N/A
<b>Note:</b> Over time using an alcohol-based cleaner may result in slight discoloration of the ABS material.	

Mechanics	
Material	PC/ABS
Weight	398 g

Order Code	
Ellab TrackView Pro Smart PoE Transmitter - 868MHz	33002741
Ellab TrackView Pro Smart PoE Transmitter - 915MHz	33002742
Ellab TrackView Pro Smart PoE Transmitter - 920MHz	33002743

## Technical Drawing



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