



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 communicate 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
-  **Backup battery**
-  **Auto detects new TrackView Pro transmitters and sensors added to the system**
-  **Relay outputs for sound beacons, flashing lights, SMS and autodialers**
-  **Multiple Access Points per site and across many sites**

-  **Connection with up to 32 TrackView Pro RF transmitters**
-  **Proprietary HTTPS secure communication**
-  **Digital color display**
-  **POE or standard Ethernet with separate power supply**

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



Manufactured by Ellab

Disclaimer: The information contained herein is believed to be reliable. Ellab A/S is not responsible for any incorrect or incomplete information on this datasheet and the information or product may be changed without notice. Customers should obtain and verify the latest relevant information before placing orders for Ellab products.

Version: 1 EC230039

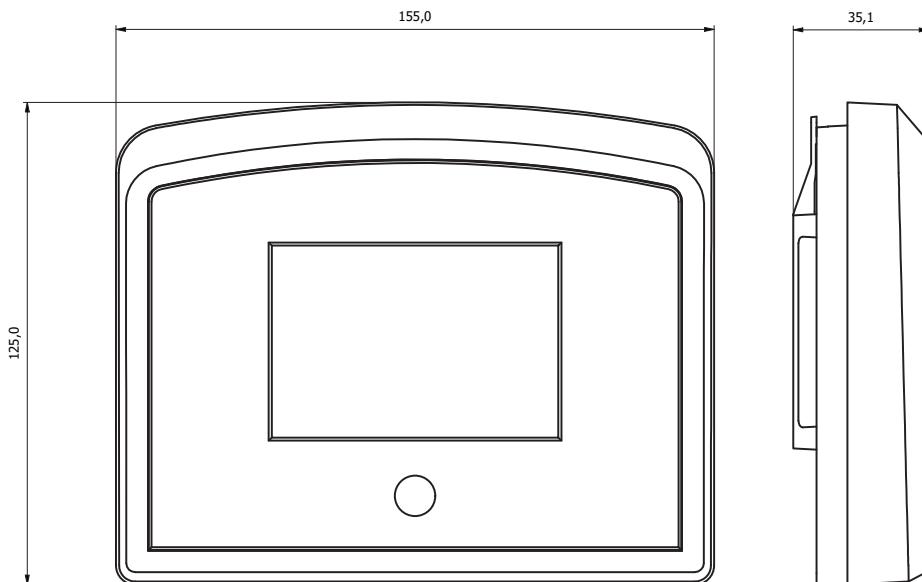
ellab.com

Tel: +45 4452 0500 | Email: contact@ellab.com

Technical Specs

Communication		Compliance & Directives	
Wireless Communication range	100m+ / 328ft.+	Operating Frequency	868MHz EU
Wireless connection per Access Point	Up to 32 TrackView Pro Transmitters simultaneously	TelCom approvals / Radio approvals	915MHz USA FCC / Canada IC 920MHz Japan ARIB
Communication with transmitters	LoRa Radio 868-920MHz	Product Safety Compliance / CE-Conformity	Product is CE and UKCA marked
Communication with Server/ Cloud Database	10/100-Mbps Ethernet (automatic switching)	EMC compliance	In Compliance with EMC Directive
Communication and/or power connector	RJ45	Electrical safety	The provided AC/DC power supply is CE marked by OEM supplier. It hereby complies with Low Voltage Directive
Outputs		Recyclability / WEEE compliance	In Compliance with WEEE Directive
Relay Outputs (x2)	Mini-DIN switch contact (3 pole) (both NO and NC)	Declarations & Certification / RoHS Compliance	Product is CE and UKCA marked.
Power Supply			
Option 1- Power-Over-Internet			
- PoE voltage	36 - 57VDC	Recommended cleaning method (Soft tissue)	70% Ethanol 10% H2O2 Water and mild detergents
- PoE Standard	IEEE 802.3af	Alternative cleaning agent(s)	N/A
Option 2 - Standard DC Input			
- DC Input	Supplied 12VDC AC/DC Power Supply	Note: Over time using an alcohol-based cleaner may result in slight discoloration of the ABS material.	
Backup Power Supply			
- 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		
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



Manufactured by Ellab

Disclaimer: The information contained herein is believed to be reliable. Ellab A/S is not responsible for any incorrect or incomplete information on this datasheet and the information or product may be changed without notice. Customers should obtain and verify the latest relevant information before placing orders for Ellab products.

Version: 1 EC230039

ellab.com

Tel: +45 4452 0500 | Email: contact@ellab.com