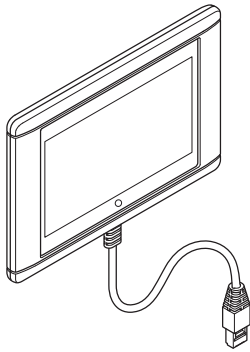


## NaviPad PD70-C

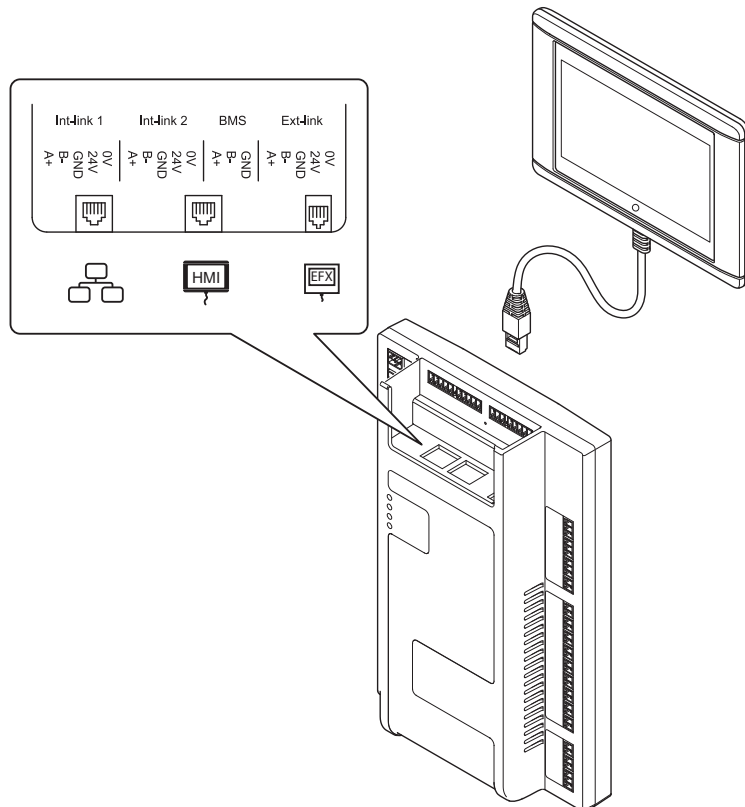


The NaviPad is the control panel (HMI) for Systemair's control system Systemair Access.

### Key properties:

- IPS based 7" touchscreen
- High Resolution 1024x600 screen
- Ergonomic design with high friction rubber
- Handheld or mounted in holder on AHU or wall
- Shockproof, drop tested 1.2 m
- IP54 classified

## Installation



Connect the NaviPad to the HMI port on Access control unit using the included 3 m Ethernet cable. An extension cable 10 m is available as an accessory.

For operation of the NaviPad, refer to Installation, operation and maintenance for the air handling unit at [www.systemair.com](http://www.systemair.com).

### Note:

The HMI port is POE (power over ethernet) and only applicable for HMI, there are no other approved connections.

## Technical specification

<b>General description</b>	
Article number	211905
Article name	NaviPad PD70-C
<b>Certifications</b>	
Standards	CE
	EC-marking directive 93/68/EEC
	Low voltage directive 2014/35/EU
	EMC directive 2014/30/EU
<b>Mechanical</b>	
Mechanical size (W x H x D)	215 x 145 x 30 mm
Weight	631 g
Housing material	TPE, PE
Panel mount	Holder, see accessories
<b>Power</b>	
Input voltage	24 V DC (20 to 48 V DC)
Power consumption (max)	10 W
Input fuse	Internal PTC fuse
<b>Processor and memory</b>	
CPU	i.MX6 DualLite 2* ARM Cortex-A9 1GHz
RAM	1 GB
<b>Display</b>	
Size diagonal	7"
Resolution (ratio)	1024x600 (16:9)
Colours	16.7M
Viewing angle (Hor./Vert.)	70+70°/50+60°
Backlight	LED backlight 1.9W
Backlight brightness	220 cd/m2
Backlight dimming	Via PWM control
Display type	IPS panel
Touch type	Capacitive
<b>Communication Ethernet</b>	
Physical interface (Connector)	Shielded RJ45, custom cable
POE, voltage	Passive 24 VDC POE
POE, Pin assignment	4, 5+; 7, 8-

Maximum cable length	100 m (Ethernet standard)
Cable type	Custom cable (extend with Cat5)
Baud rate	100 Mbit
<b>Expansion Interface</b>	
USB	1xUSB 2.0 (micro USB-B Female)
<b>Environmental</b>	
Operating temperature	-0...+50 °C
Storage temperature	-20 to +50 °C
Shock resistance	1,2 m drop
Degree of protection, front/back	IP54
<b>Accessories</b>	
Holder PD70-C (mounting NaviPad on air handling unit or on wall)	Article number 211906
NaviPad extension cable 10 m	Article number 316350
<b>System software</b>	
Operating system	Linux, Yocto
Application	Chrome in Kiosk Mode
Browser language	HTML + Javascript