XN-115 / XN-125 XPERIENCE CONTROLLER

XN range

The Nexmosphere nano range is the smallest encased controller of its kind. It's ultra-small form factor and smart design, make it an ideal product to use in virtually any application where space is a limiting factor and where integration with other systems is achieved. Connect your Nexmosphere Elements of choice, such as presence sensors, pick-up detectors or touch buttons, and build your own unique shopper journey; LED lighting that starts glowing when a shopper approaches, product info showed if a product is placed on an "info platform". Whichever interactivity suits your brand's story, create a lasting impression using the XN Xperience controller.

Features
• 1x or 2x X-talk interface for easy sensor connection in small applications
• USB interface enabling 3rd party product integration

X-talk interface
Connect a wide range of sensors, buttons, interfaces, or any other of the Nexmosphere Elements to create your own unique shopper experience. Due to auto-configuration, no additional setup is required for seamless operation. The X-talk interface also supports industry standard I/O devices, such as push buttons.

• Plug and smile interface
• Compatible with any of the Nexmosphere Elements
• Providing power to the connected Elements for easy system wiring

USB interface
The industry standard USB interface allows 3rd party product interfacing. The Xperience controller manifests itself as a USB-to-Serial converter and is compatible with all mainstream operating systems and Digital Signage players.

• Reliable high-speed USB serial communication
• Easy interfacing with 3rd party products
• No special drivers needed*

occasionally Windows devices need a VCP driver

X-Script API
The X-Script API runs on the controller by default. All connected Elements and system behavior can be controlled with our standardized API commands.

Benefits
• Auto start-up and configuration for highly reliable standalone applications (24/7 operability)
• Ultra-small form factor for easy installation in or behind displays
• Cost-efficient controller for small applications
• Compatible with all Nexmosphere Elements
• USB powered: single cable connection

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Thermal specifications

Operating temperature: +10'C…+40'C/ +50'F … +104'F
Storage temperature: -20'C…+50'C/ -4'F … +122'F
Cooling: Passive cooling (no moving parts)

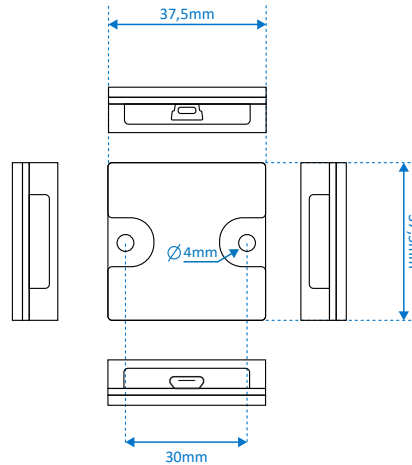## Electrical specifications

Operating voltage: 5VDC
Power consumption: 150mA
Max. system current: 2.0A
Passive cooling (no moving parts)

Serial communication specifications

Baudrate: 115200
Data bits: 8
Parity: None
Stop bits: 1
Flow control: None
Protocol: ASCII
EOL: CR+LF

Standards and Certifications

CE
RoHS compliant

Miscellaneous

• Miniature housing with two mounting holes for secure screw fixing
• Horizontal and vertical mounting allowed
• Diagnostic LED indicating potential issues
• Status LED indicating power and input/output operations
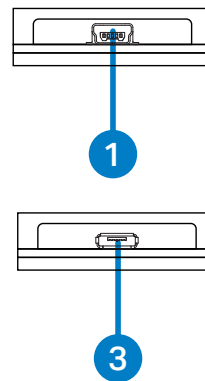• 1-year warranty (optional 3-year extended warranty available)

Packaging

Netto weight: 14g
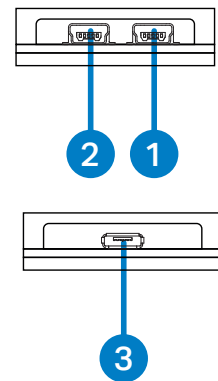Items per carton   1 or 10 pcs

Mechanical dimensions

LxWxH: 37,5 x 37,5 x 10,8 mm
Screw fixation: 30 mm

37,5mm
Ø4mm
37,5mm
30mm

Hardware interfaces

1. X-talk interface 001
2. X-talk interface 002
3. 5V Power input Micro USB

XN-115

XN-125

Ordering information

Product ID	Description	Quantity
XN-115	Xperience controller USB (API), 1x X-talk	1 pc
XN-125	Xperience controller USB (API), 2x X-talk	1 pc