NEXUS
NX1

TECHNICAL SPECIFICATIONS

The NX1 represents Commtel's commitment to advancing our product offerings and delivering a robust IP intercom designed for seamless, secure entry.

As the first IP intercom from Commtel, it signifies a significant step forward in providing modern and advanced technology. The NX1 is delivered with Ethernet and 4G connectivity as standard. It ensures effortless installation and remote management through the Commtel NEXUS App delivering a seamless experience for both installers and users.

Dimensions

H 224mm x W 96mm x D 40mm

Commtel NEXUS User App

- Receive video calls and notifications.

- Users can manage and configure their NX1 intercom remotely.

- Simply scan the invite code and register for an account to get started!*

- To download the Commtel NEXUS App, click the relevant icon below.

During the install process, the invite code is produced after initialisation. This should be scanned by the system's Admin (not the Installer) using the Commtel NEXUS App.

KEY FEATURES OF THE NX1

4G & Ethernet as Standard

Dual Connectivity to allow for dynamic delivery and function.

IP Based Intercom

Communication via the internet as opposed to GSM.

Easy Installation

Initialisation and set up via the Commtel CONFIG App – no need for a laptop.

High Quality Video

High-resolution imaging for reliable video calling.

Mobile Configuration

Full system setup and management directly from a smartphone.

Clear Visibility in Low Light

Designed for reliable ambient light performance.

Customisable Relays

Pulse, latch, unlatch and toggle each relay for flexible installation options.
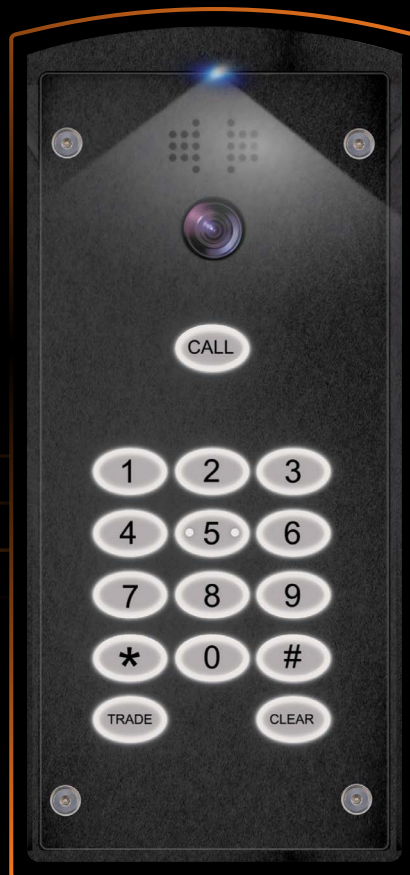
Worldwide Time Clock

20x time periods and automatic public holiday recognition.

User-Friendly App

Receive video calls, notifications, and manage configuration remotely via the Commtel NEXUS App.

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User Capacity	500
Call Points	1
Call Diverts	6
Dial to Open	Via SIP where activated.
Activity Log	Downloadable via Commtel NEXUS App.
Connectivity	Network Options: Ethernet and 4G. SIM Requirements: Data-only SIM*.
Worldwide Time Clock	The on board time clock enables custom profile functions to be activated. 20x time periods with automatic public holiday recognition. Timed latch & trade button.
Keypad	Vandal resistant with RGBW colour control. Adjustable illumination levels.
Warranty	2 year manufacturer's warranty.
Apps	Commtel NEXUS – End User App. Commtel CONFIG – Installer App.
Programming	Remotely programmable via the Commtel CONFIG or Commtel NEXUS App. Initial set up required by the installer via the Commtel CONFIG App. The Installer can configure programming for 30 days after initialisation, or until access is revoked by the Admin. The Admin can invite the Installer to configure the unit at any time after the 30-day period has ended.
Video Feed	Video feed viewable only to authorised Commtel NEXUS App users. Using the Commtel NEXUS App will consume mobile data and may result in additional charges if not connected to a Wi-Fi network.
Camera	Resolution: 1280 x 960 30fps. Low-Light Performance: Ultra-clear visibility *(Requires a form of ambient light)*. Activation: Built-in camera activates during a call. Angle: 98.4 degrees horizontal, 75.2 degrees vertical.
Power	Power Supply: 12V DC (compatible with existing Commtel systems).
Relays & Inputs	1 x 2A – N/O or N/C default. 2 x 200mA – N/O default, programmable (latch, unlatch, toggle, pulse). Auxiliary Inputs: 2 x inputs for external devices (e.g. ground loops, PTE buttons etc.)
Telephone Type	For audio calls, a SIP subscription is required via the Commtel NEXUS App. A smartphone is required to view the video feed, however, residents who do not have access to a smartphone can receive a voice call from the intercom to allow access to their visitors.
SIP Subscription	Dial to Open – Call the intercom from an authorised number to activate the relay and open gates/doors. Phone Call Notifications – Receive standard phone calls from the intercom instead of video calls. SIP is built-in but requires a separate subscription, managed via the Commtel NEXUS App.
Volume	Adjustable 1 – 9 levels.
Configuration	Standalone. Integration with supplementary TelPad.
Build	Materials: 316 marine grade stainless steel faceplate and moulded aluminium back box, all powder coated black. Dimensions: 216mmH x 99mmW x 40mmD Weight: 1.1kg

*SIM – Data SIM supplied. Optional and subject to activation order. If you choose to use your own SIM card, please note that it must be a Data SIM.

DESIGNED AND MADE IN BRITAIN

✓dhf | **Raising Standards Advancing Safety**