

Smart doorbell

NS-MD150 / 5 MP VIDEO / TWO-WAY AUDIO

See visitors, speak through NETUS App and monitor activity at your entrance.



Product illustration

5 MP VIDEO

Up to 2880 x 1620 with true wide dynamic range.

SMART DETECTION

Face, human, parcel, intrusion and motion detection.

NETUS APP

Two-way audio and voice calls from your phone.

DUAL-BAND WI-FI

2.4 GHz / 5 GHz

AC / PoE POWER

12-24 V AC or IEEE 802.3af

LOCAL STORAGE

TF / microSD card support

TECHNICAL SPECIFICATIONS / CAMERA & IMAGING

Image sensor	1/2.7-inch progressive scan CMOS.
Resolution / frame rate	Up to 2880 x 1620; main stream up to 25/30 fps.
Lens / aperture	1.2 mm fixed focal lens; fixed iris; F2.0.
Field of view	Horizontal 120°; vertical 180°.
Day / night	IR-cut filter; true WDR.
Illumination	850 nm infrared: up to 5 m; warm light: up to 2 m. Automatic or manual illumination control.
Electronic shutter	Auto / manual; 1/5 to 1/20,000 s.
Detection controls	One selectable detection area; adjustable sensitivity.
Local storage	TF / microSD card support. Maximum capacity is not specified in the supplied doorbell documentation.

Face detection does not imply face-recognition access control. Remote app functions require internet access.

Technical details

NS-MD150 / CONNECTIVITY / POWER & INSTALLATION

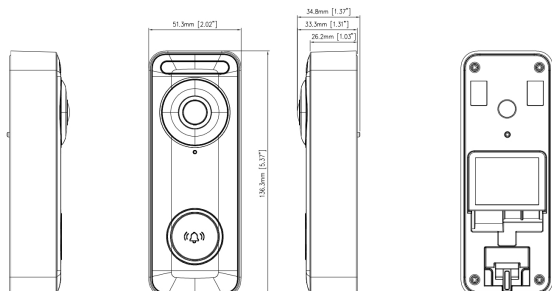
VIDEO, AUDIO & INTERFACES

Video streams	Main: 2880 x 1620, 2560 x 1440, 2304 x 1296, 1920 x 1080, 1280 x 720 at 25/30 fps. Sub: D1, VGA, CIF at 25/30 fps.
Video encoding	CBR / VBR; smart encoding supported. Main: 200 Kbps-12 Mbps; sub: 100 Kbps-6 Mbps.
Audio	Built-in microphone and speaker; G.711 A-law / μ -law and raw PCM. 64 Kbps (G.711); 128 Kbps (raw PCM).
Network / app	Dual-band Wi-Fi: 2.4 GHz / 5 GHz; IEEE 802.11b/g/n. 1 x RJ45 10/100Base-T Ethernet, auto-adaptive. NETUS App; two-way audio and voice calls.
Network protocols	IPv4 / IPv6, HTTP / HTTPS, DHCP, DNS / DDNS, RTSP / RTCP / RTP, TCP / UDP, NTP, 802.1x, SNMP and multicast, among others.
Controls / interfaces	Alarm input x 1; door-lock interface; configurable Wiegand input / output; RS-485 (reserved; confirm firmware support). Tamper alarm, doorbell button / indicator and reset button.

POWER & ENVIRONMENT

Power supply	12-24 V AC or PoE (IEEE 802.3af). Do not connect mains AC directly.
Power consumption	Standby: 2.5 W (Wi-Fi only); maximum: 4 W (IR and speaker on). PoE maximum: ≤ 5 W, at typical 80% efficiency.
Construction / protection	Plastic front panel; IP65.
Operating conditions	-20 to +50 °C; relative humidity below 90%, non-condensing.
Installation / weight	Wall mounting; included 15° and 30° brackets for horizontal adjustment. Approx. 0.18 kg.

DIMENSIONS & INSTALLATION NOTES



W 51.3 x H 136.3 x D 34.8 mm

Dimensions follow the supplied drawing.
Illustration is not a drilling template.

Confirm lock-interface electrical ratings and firmware support before connecting external devices.