



RS-480VSET VIDEO INTERCOM SYSTEM

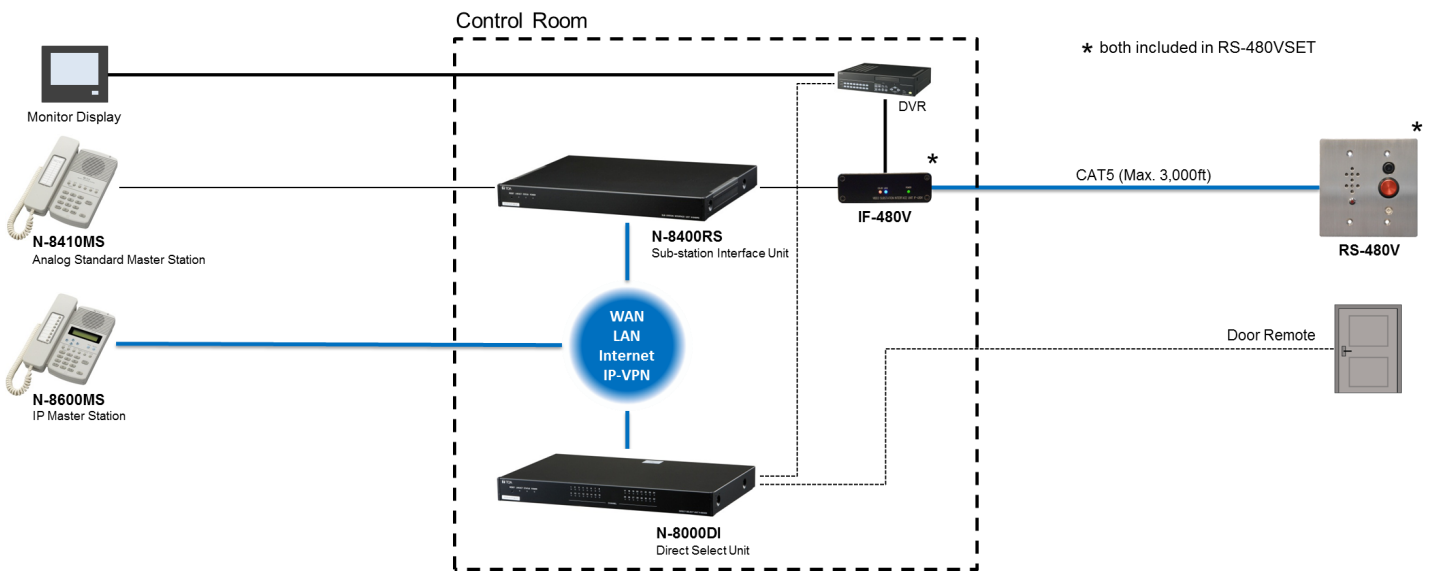


Intercom meets CCTV in an all-in-one, easy-to-install package. See & hear who's at your door.

Voice communication plus visual confirmation gives more reliable and integrated security systems.

TOA's RS-480VSET video intercom station combines intercom functionality with CCTV in one compact unit. Designed for both indoor and outdoor use, it allows visual confirmation of the person calling from an entry location for added access security. Connects to your head-end with a single CAT5 cable up to 3,000ft with no degradation of signal. The included IF-480V interface unit provides DC power & coax (for video) plus 4-wire output (for Intercom exchange).

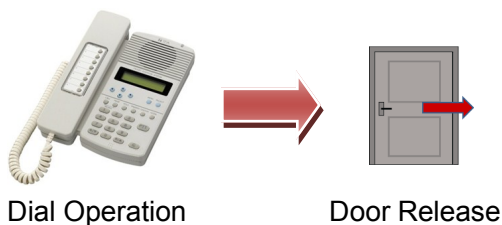
Application Example



Integration with other Security Systems (by using optional N-8000DI control unit)

Simple dial operation by an Intercom Master Station transmits the control signal to release up to 32 doors by using an N-8000DI direct select unit in conjunction with 3rd party door release systems.

Door Release Operation



Auto View Change



When a call is placed at the RS-480V video intercom substation, the associated camera view pops up automatically in a full screen from a multi-view on the monitor display, with using a multi channel video switcher or recorder and N-8000DI direct select unit.

System Component

RS-480V

Video Intercom Substation



- N-8000 IP intercom system compatible door substation equipped with a color day/night, wide-angle 520TVL CCTV camera.
- Make calls to any assigned master intercom station on the N-8000 system.
- A single RJ45/CAT5 termination, which connects to the IF-480V video substation interface unit.
- Stainless steel panel with weather-resistant coated boards for indoor/outdoor applications (IPX4).
- Call button may trigger a “code-blue” emergency light via an integrated contact output.
- LED call indication light and programmable call tone.
- Optional handset RS-481 is available.

IF-480V

Video Substation Interface Unit

- A single RJ45/CAT5 termination, which connects to the RS-480V.
- 4-wire removable terminal block connector for the N-8400RS substation interface unit.
- Supplied AC adapter drives this unit and provides the power to the RS-480V via the CAT5 cable.
- Dual 75 Ohm coaxial video jacks for connection to analog DVR, video switcher and/or monitor.
- Up to 4 IF-480V units may be mounted in an optional 1U rack panel, MB-480V4.



Optional Equipment

N-8400RS

Substation Interface Unit

Up to 16 RS-480VSET, N-8410MS, or other 4-wire substations can be connected.
This unit is necessary to run the RS-480VSET in the N-8000 system.



N-8000DI

Direct Select Unit

32 contact inputs and outputs for the integration with external indicators, door remote control systems, or video switchers. All contact inputs and outputs activation conditions can be setup in the N-8000 setting software.



N-8410MS

Analog Standard Master Station

Master station to receive and make calls from and to the substations. Assigned dial operations activate the contact outputs of the N-8000DI or paging to preprogrammed zones.



N-8600MS

IP Master Station

Master station with an LCD display connects to the network directly with a CAT5 cable. Power can be supplied from a PoE switching hub.



RS-481

Optional Handset

Optional handset for the RS-480V or other 4-wire substations.



SPECIFICATIONS

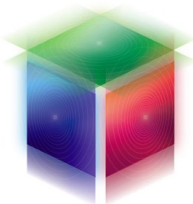
RS-480V Video Intercom Substation	
Power Source	Supplied from IF-480V
Call Button	Momentary (Emergency call: Press twice within 400 ms.)
Rated Input	1 W
Control Output	Open collector, Maximum controlled voltage: 30 V DC, Control current: 30 mA
Internal Speaker	Cone-type
Internal Mic	Electret condenser type
Camera Resolution	520TVL
Camera Angle	170° horizontal
Minimum Illumination	0.08 lux/f2.0
Indicator	When called: Status indicator (red LED) flashing In conversation: Status indicator (red LED) is lit
Wiring	CAT5 cable, RJ45 female connector attached
Transmission Range	3,000ft (AWG24)
Operating Temperature	-10 to +50°C (Temperature range not to freeze the speaker and switch)
Finish	Panel: Stainless steel, hairline Call button: Metal, silver Circuit board: Weather-resistant coating
Dimensions	4.72"(w) x 4.72"(h) x 1.99"(d) (120 x 120 x 50.5mm)
Weight	1.30 lb (605g)
Supplied Accessories	No.6-32UNC x 18 ... 4pcs, Machine screw M4 x 25 ... 4pcs
Applicable Box	2-gang electrical box: YC-302 (option)

IF-480V Video Substation Interface Unit	
Power Source	Supplied AC adapter must be used
Indicator	Power (green LED), Signal Lock (blue LED), Color Lock (red LED)
Connectors	RJ45 (to RS-480V), Removable terminal block 4P (to N-8400RS), BNC (Video out) x2
Finish	Anodized aluminum, Black
Dimensions	4.13"(w) x 1.30"(h) x 5.00"(d) (105 x 33 x 127mm) *Not including chassis connectors.
Weight	10.00 oz (285g)
Supplied Accessories	AC adapter
Options	Rack mount plate: MB-480V4 (up to four IF-480Vs are mountable in 1 rack unit)

Option

MB-IF480V4 IF-480V Rack Mounting Panel

Up to 4 IF-480V are mountable in 1 rack unit.



**Human Society with
Sound & Communication**

TOA Electronics, Inc.

www.toaelectronics.com

Specifications are subject to change without notice.