



# PASSCHIP® IP Video Intercom

Our IP video intercom product line is dedicated to commercial, office buildings and residential large projects, ensures increased levels of security and comfort compared to conventional analog intercom systems due to its remarkable flexibility and friendly use.

With its slim design and minimalist appearance, it can be easily incorporated in most architectural styles. Made out of stainless steel, it provides long lasting and stable performance.

Taking advantage of the IP technology, the system can communicate with up to 1000 panels unlike most conventional systems which are limited to 255 panels.

#### **Functions**

Voice and Video calls between Intercom Panels within the same LAN.

Brushed stainless steel build Accept/reject incoming call Initiate call to basic panel / video panel Limited call duration - max. 5 min Video camera:

- can only be viewed by peer video panel during call for Video Panels
- can be viewed by multiple video panels

Auto-answer incoming call

1 output controlled by peer video panel during call

2 way video call with another video panel

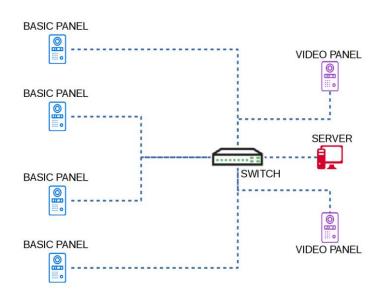
#### **Benefits**

IP Video Intercom with up to 1000 Intercom Panels Integration with PASSCHIP® ACCESS CONTROL systems Unlock door from intercom

Wiegand integration with any access control system by allowing the intercom to act as a wiegand reader, sending to the access control system the wiegand card ID associated with the peer intercom panel.

Management system: monitoring and configuration Network security achievable using encrypted VPNs Network can be extended to multiple sites using layer2 VPNs

#### Installation



### Observations

For installations up to 20 Panels the Server version is Mini (similar hardware with the aggregator), for larger installations the version is Full. Minimum specifications for Full version have to be determined with customer. Aggregators are used for 20+ Panels installations, each aggregator handles monitoring and configuration for up to 20 Panels.

## **Ordering Information**

VINDO1: Basic Intercom Panel Indoor version

• VOUTDO1: Basic Intercom Panel Outdoor version

• VVINDO2: Video Intercom Panel Indoor version

VVOUTDO2: Video Intercom Panel Outdoor version

AGR100: Aggregator

VISERM: Server version Mini

VISERF: Server version Full

## **Technical Specifications**

Intercom Panel	
Communication	Ethernet 100 Base-
	TX/10Base-T RS232 up to
	115200 Bit/sec
	Wiegand up to 64 bit
Memory	Internal DRAM 1 GB
	SD slot available 1xMMC
	Real time clock with back-up
	Li-Ion maintenance free
	battery
Camera	1 MP
Processor	ARM 64-bit, 1.2 GHz, Quad
Operating System	Linux OS
Software Upgrade	On line, during functioning
Power Supply	85-264 VAC, 45-65 Hz
	12 VDC
Power Consumption	Max. 40 W
Max call duration	5 minutes
Construction	Brushed stainless steel
	vandal resistant
Agency Approvals	CE Conformity
and Standards	
Ambient conditions	Operating Temp:-30 C +50 C
	Storage Temp:-35 C +60 C
	Humidity: 10-95%
Size of panel	170 x 195 x 80 mm
(W x H x D)	
Weight	2 kg
Protection Class	IP67
Aggregator	
Communication	Ethernet 100 Base-
	TX/10Base-T
Memory	Internal DRAM 1 GB
	SD slot available 1xMMC
	Real time clock with back-up
	Li-lon maintenance free
Dunganan	battery
Processor	ARM 64-bit, 1.2 GHz, Quad
Operating System	Linux OS
Power Supply	85-264 VAC, 45-65 Hz
Power Consumption	Max. 10 W