

VINGTOR PULSE SYSTEM



when communication is **critical**

FEATURES

- IP based marine intercom system for up to 16 users (Intercom, Dect, Telephone & IP speakers)
- Support Power over Ethernet
- Supports external communication (GSM, Analog gateway)
- Supports interface to PA
- Superb audio quality – high bandwidth codec, active noise cancellation, acoustic echo cancellation
- Remote control of external audible or visible signal devices
- Easy to install

DESCRIPTION

VINGTOR Pulse is an IP based marine intercom system for upto 16 users. The intercom stations are tested according to EN60945 for marine usage.

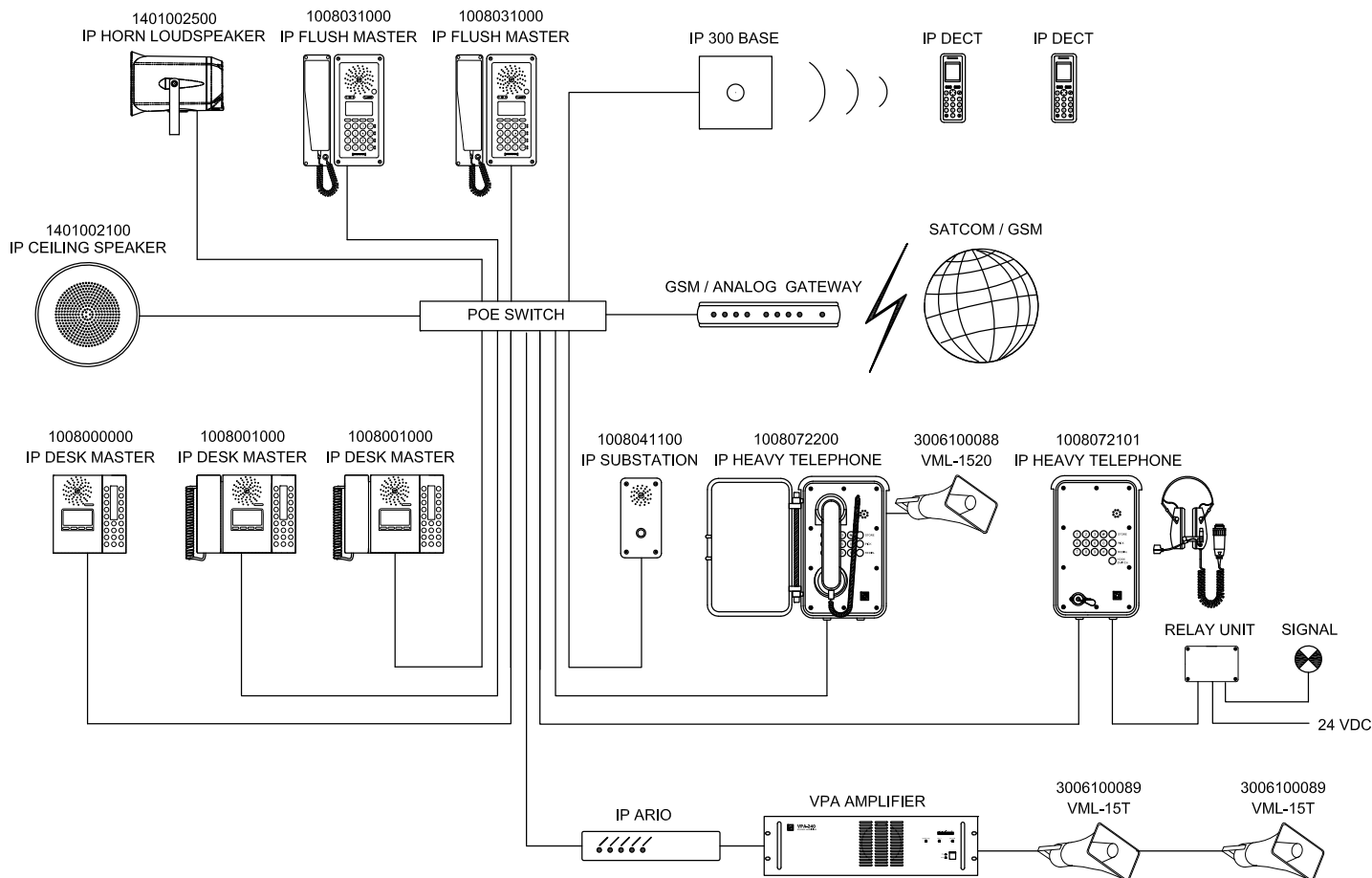
The system includes a wide range of IP special purpose terminals including IP intercom, IP telephones, IP DECT, IP speakers and IP gateways.

The system is easy to install as it requires no central exchange. Programming of the system by WEB browser, refer to Pulse getting started guide A100K11065

SPECIFICATIONS

Max users	16 users (Intercom, Dect, Telephone & IP speakers)
Max number of calls	16 calls
Terminal types	IP intercom, IP telephone, IP DECT, IP speakers and IP gateways
SIP support	RFC 3261, SIP Info (DTMF), RFC 2833 (DTMF)
IP protocols:	IP v4 - TCP - UDP - HTTPS – TFTP - RTP - RTCP -DHCP - DiffServ - TOS – STENTOFON CCoIP® - SIP
LAN protocols	Power over Ethernet (IEEE 802.3 a-f), VLAN (IEEE 802.1pq), Network Access Control (IEEE 802.1x), STP (IEEE 802.1d), RSTP (IEEE 802.1d-2004)
Audio technology	HD Voice 200 Hz - 7 kHz (G.722) Telephony 3.4kHz (G.711) Active noise filtering Echo cancellation Open duplex Adaptive jitter filter 1.5 Watt audio output
Power:	Power over Ethernet, IEEE 802.3 a-f, Class 0 Local power 19 – 27 VDC Idle 2.5W, max. 4.5W
Management and operation	HTTPS (Web configuration) DHCP and static IP TFTP (firmware and configuration download) Auto-discovery





SYSTEM UNITS

ORDER NUMBER	DESCRIPTION	ORDER NUMBER	DESCRIPTION
	BRIDGE AND ECR		RJ45 MALE PLUG FOR CAT CABLING - 2 PCS PER STATION
1008031000	IP Flush Master, Display	3006204179	RJ45 industrial 10G plug
1008097100	Handset For IP Flush Master		
1008097500	Goosneck Microphone		
	NOTE!		
	BUILD IN RELAY FOR EXTERNAL RELAY BOX		
		1008095100	PA INTERFACE Audio remote I/O unit - IP-ARIO
	CABINS AND PUBLIC AREAS		
1008001000	IP Desk Masterstation W/Display & Handset	1401002500	IP SPEAKER IP Horn Loudspeaker
1008000000	IP Desk Masterstation W/Display	1401002100	IP Ceiling Loudspeaker
	OUTDOOR & NOISY AREAS		
1008072101	Heavy Duty IP Telephone, Headset Connector, Full Keyboard	2211010100	IP DECT IP Dect Base 300
1159201001	Headset For IP Heavy Duty Telephone	2211050100	Base Repeater Wall
1020600992	IRR-3 Relaybox 24V DC or 220v AC - Signal Unit - IP-66	2211050130	Repeater Programming Kit
1008072200	Heavy Duty IP Telephone, Door and Full Keyboard		
3006100088	VML-1520 Hornspeaker 15W/20 OHM WT - IP-66		
	SUBSTATION	2211100130	DECT HANDSETS FOR IP DECT SERVER 300 Dect Handset 300
1008041100	IP Vandal Resistant Substation w/ 1 Vandal Proof Button Euro	A100K11065	Pulse Getting Started Guide
1008098000	On Wall Backbox For IP Vandal Resistant Substation - IP44		
	PoE SWITCHES		
2220050003	PoE Data Switch 24 Ports		
2220050004	PoE Data Switch 8 Ports		