

SOS INTERCOM OPERATOR PANEL **HUSAR PO**



PRODUCT GROUP
HUSAR SOS INTERKOM

PRODUCTS IN SERIES
HUSAR PO



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and testing of this product

- ✓ High quality modern design
- ✓ 6 lines with up to 16 SIP accounts
- ✓ Built-in megapixel camera for video calls with privacy shutter
- ✓ Working with Android + bluetooth on board
- ✓ 2 switched 10/100/1000 Mbps Gigabit Ethernet ports with auto-sensing function
- ✓ Built-in PoE / PoE +
- ✓ Hands-free phone station with HD acoustic chamber, advanced echo cancellation and superior performance
- ✓ 4-core 1.3GHz ARM Cortex A53 processor with 2GB RAM and 8GB eMMC flash memory
- ✓ 7-inch (1024 × 600) capacitive 5-point TFT LCD touch screen
- ✓ TLS and SRTP
- ✓ 7-way audio conferencing and 3-way video conferencing in HD 720p 30fps

SOS intercom operator panel HUSAR PO is used to flexibly manage the SOS intercom system, including the implementation of audio - video calls, from the operator's side of a railroad section or station. The operator's panel features a 7-inch touchscreen, an advanced megapixel camera for HD video conferencing, built-in WiFi and Bluetooth, Gigabit connectivity and innovative telephony features. It runs Android 7.0 and has SDK support for custom applications. It is fully compatible with almost all major SIP platforms, and can be integrated with devices such as SIP-based security cameras, intercoms, IP PBXs and video conferencing systems and services.



TECHNICAL DATA OF SOS INTERCOM OPERATOR PANEL **HUSAR PO**

Technical parameters	
LCD display	7"; 1024×600; HD (5-point) TFT LCD capacitive touchscreen
Camera	Built-in one megapixel CMOS camera, with privacy shutter, 720p resolution at 30 fps
Bluetooth	Bluetooth 4.0 + EDR
Wi-Fi	Dual-band (2.4 GHz and 5 GHz) with 802.11 a/b/g/n support
Auxiliary ports	RJ9 headphone port (enabling EHS support for Plantronics headsets), USB port, HDMI output (1.4 to 720p at 30 fps)
Codecs and voice features	G.711μ/a, G.722 (wide-band), G.726-32, iLBC, Opus, G.729A/B, in-band and out-of-band DTMF (In audio, RFC2833, SIP INFO), VAD, CNG, AEC, PLC, AJB, AGC, ANS
Codecs and voice features	H.264 BP/MP/HP, video resolution up to 720p, up to 30 fps, bit rate up to 2 Mbps, three-way video conferencing (720p, 30 fps), flicker protection, autofocus and auto exposure
Phone features	Call hold, call forwarding, call transfer (unconditional / no answer / busy number), call park/receive, six-way audio conferencing (including host function), split calling (SCA) / call bridging (BLA), softkey, downloadable content (XML, LDAP, max. 1,000 items), call log (local and server), call log (up to 1,000 records), call waiting, auto-answer, XML customisation screen to call, flexible dialing plan, hot-desking service, personalised ringtones and music on hold, server redundancy and power backup
Android	7.0
Protocols	SIP RFC3261, TCP/IP/UDP, RTP/RTCP, HTTP/HTTPS, ARP, ICMP, DNS (A record, SRV, NAPTR), DHCP, PPPoE, SSH, TFTP, NTP, STUN, SIMPLE, LLDP-MED, LDAP, TR-069, 802.1x, TLS, SRTP, IPv6, OpenVPN®
Power supply	In 115 – 240 VAC, 50–60 Hz; Out 12 V DC 1,5 A; PoE* 802.3af klas 3, PoE+ 802.3at klas 4
Temperature and humidity	0°C - 40°C, humidity 10% do 90%
Compliance	FCC: Part 15 (CFR 47) Class B; UL 60950 (power adapter); Part68 (HAC CE: EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3, EN60950-1, EN62479, RoHS RCM: AS/ACIF S004; AS/NZS CISPR22/24; AS/NZS 60950; AS/NZS 4268 EAC

This data sheet is commercial in nature. If more detailed technical information is required, the reference document is the technical and operating documentation to be obtained from the manufacturer. In addition, the manufacturer reserves the right to make changes regarding the parameters, specifications and characteristics of the product. The dimensions of optional products, manufactured to order, will have different dimensions than those shown in this sheet. The document of general terms and conditions of supply can be found on the manufacturer's website - www.railway-systems.eu