



TECHNICAL SPECIFICATIONS



MATRIX VISIONPRO308 - Digital PBX with 3 Trunks and 8 Analog Extensions

This digital PBX offers 40+ value-added features, it reduces communication cost, increases productivity, and simplifies business processes with efficient call management. Hence, leading to more reliable, stable, robust, and maintenance-free performance.

SOHO Communication is brimming with smart call features that can skyrocket your staff productivity and cut your telephony costs equally.

| Parameters | Specifications |
|-------------------|---|
| Type of Switching | PCM/TDM, Digital Switching, 100% Non-blocking |
| Processor | 16-bit DSP |

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|-----------------------------------|--|
| Signaling | Loop Start |
| Dialing | DTMF and Pulse (10/20PPS) |
| Off-Hook AC Impedance | 600/900/Complex |
| Off-Hook Current | 39mA Max. |
| Loop Limit | 1800Ω Max (Excluding Telephone) |
| On-Hook Voltage (Tip/Ring) | -48V nominal |
| DTMF detection | ITU-T Q.24 |
| Return Loss | >18dB |
| Longitudinal Balance | >50dB |
| Transmission Level Adjust | Tx Gain: -12dB to +6dB, Rx Gain: -12dB to +6dB |
| Ringling | Trapezoidal 50VRMS/25Hz and Sinusoidal 52VRMS/25Hz |
| REN | 3 |
| CLI Presentation | DTMF, FSK ITU-T V.23 and FSK Bellcore 202 |
| Protection | Over Voltage Secondary Protection |
| Physical Connector | 2.54mm Push Type connector |

CO (Central Office)/Two-Wire Trunk (TWT)

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| Signaling | Loop Start |
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|-----------------------------------|---|
| Loop Limit | 1200Ω |
| Off-Hook AC Impedance | 600/900/Complex |
| Pulse Dialing | 10/20 PPS |
| DTMF Dialing and Reception | ITU-T Q.23 and Q.24 |
| Return Loss | >18dB |
| Longitudinal Balance | >50dB |
| Transmission Level Adjust | Tx Gain: -15dB to +10dB. Rx Gain: -15dB to + 10dB |
| CLI Reception | DTMF, FSK ITU-T V.23 and FSK Bellcore 202 |
| Call Maturity | Delay and Polarity Reversal |
| Protection | Over Voltage and Over Current Secondary Protection |
| Physical Connector | Over Voltage Secondary Protection |
| Physical Connector | 2.54mm Push Type connector |
| Input | External Adapter 12V@2A for VISIONPRO 206, 308, 412 |
| Dimensions (W x H x D) | 23.1 x 16.25 x 5.5 cm (10.5" x 11.2" x 3.1") |
| Unit Weight | 0.65 kg (1.43lbs) |
| Shipping Weight | 3.5 kg (7.7lbs) |
| Installation | Wall Mount |
| Operating Temperature | 0°C to 45 °C (+32°F to +122°F) |

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|---------------------------|------------------------|
| Operating Humidity | 95% RH, Non-Condensing |
|---------------------------|------------------------|

Note: Specifications are subject to change without prior notice

ABOUT MATRIX

Established in 1991, Matrix is a leader in Security and Telecom solutions for modern businesses and enterprises. As a technology-driven and customer-focused organization, the company is committed to keeping pace with the revolutions in the Security and Telecom industries.

With around 40% of its human resources dedicated to the development of new products, Matrix has launched cutting-edge products like Video Surveillance Systems – Video Management Systems, Network Video Recorders and IP Camera, Access Control and Time-Attendance Systems as well as Telecom Solutions such as Unified Communications, IP-PBX, Universal Gateways, VoIP and GSM Gateways and Communication Endpoints. These solutions are feature-rich, reliable, and conform to international standards.

Having global footprints in Asia, Europe, North America, South America, and Africa through an extensive network of more than 4000+ channel partners, Matrix ensures that the products serve the needs of its customers faster and longer.

Matrix has ISO 27001: 2013, 20000-1 2018, 14001- 2015, and 9001: 2015 certifications for quality management standards. Matrix has also been awarded ZED Quality Certification, and DSIR Certification for indigenous R&D and Manufacturing. Matrix has gained the trust and admiration of customers representing the entire spectrum of industries.



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