CASPECO

CASPECO POS REQUIREMENTS SPECIFICATION

TECHNICAL SPACE AND PLACEMENT

Network equipment should be connected to a separate electrical circuit. This protects the equipment from power outages caused by overload or other unintended interruptions within the premises.

NETWORK CABLING

- Cabling must comply with the SS-EN 50173 Class D standard for 1 Gbit/s (component requirements Cat 5e/Cat 6)
- Power outlets (10A) on a separate circuit are required where network equipment is installed
- Cable length must not exceed 90 meters between patch panel and local outlets
- Each POS station (POS terminal) requires network outlets for receipt printers and kitchen printers
- To ensure operation even in case of damage, three network outlets should be installed at each POS station

ACTIVE NETWORK

- A dedicated subnet with DHCP and VLAN segmentation must be created for the POS system
- IP addresses for POS terminals (iPads) within 10.10.100.100 – 10.10.100.200
- Printers: static IP addresses within 10.10.100.210 – 10.10.100.240
- Card terminals: static IP addresses within 10.10.100.10 – 10.10.100.70
- WiFi with at least 802.11ac (5 GHz) must cover all areas where the POS system is used
- A dedicated WiFi name (SSID) linked to the same VLAN as the iPads
- Minimum 10 Mbit/s internet connection dedicated to Caspeco POS
- Strong recommendation: Internet redundancy via mobile network in case the primary fiber connection fails

LAN & WIFI HARDWARE

- Recommended brands: Cisco (Meraki) and Zyxel (Nebula) for optimal functionality
- **Not recommended**: Ubiquiti (UniFi)

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