



光语
GLORY

RP220-H-G Medical Trolley



■ ■ Product Overview

The RP220-H-G is an integrated customized medical cart, which integrates audio and video codec, HD display, HD camera, ultra-high-speed wireless network connection, medical workstation, UPS system and other modules to provide access and conversion of medical peripheral equipment (multi-reference monitor, B-ultrasound, electrocardiogram machine, electronic stethoscope, etc.). It can meet the telemedicine requirements of medical institutions in multi-scene and multi-network environment, and realize remote monitoring and remote consultation of wards and other business applications



■ ■ Technical Specifications

| Basic Physical Parameters | |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Car body | Maximum dimensions of the whole vehicle 1100mm (W)*725mm (D)* 1825mm (H) |
| Work surface | Size 608mm (W)*470mm (D), bearing 20kg; Electric lifting, lifting height 1580mm to 1810mm |
| Box | Integrated sheet metal chassis 550mm (W)×450mm (D)×440mm (H), one large and one small drawer each, with a locked rear door |
| Wheels for Medical purposes | 4 high-strength anti-winding silent universal medical wheels that support wheel locking |
| External pendants | 1 medical hand holder, 1 medical hanging blue (stainless steel) |
| Control panel | One-button switch, with control panel (up/down) to support power and battery indicator |
| Package Size | Body: 820mm (W) *655mm (D) *1680mm (H); Monitor: 598mm (W) *105mm (D) *400mm (H) |
| Input port | Support 1*(S-video/ CVBS) input, support external 1*DVI/ VGA signal input; Support HDMI from the main device line input; 1 *Audio-in 3.5mm 1 *RJ45 |
| Output port | 1 *Audio-out 3.5mm |
| Aesthetics | All cables are hidden, the whole vehicle is beautiful, waterproof penetration |
| Working Host | |
| CPU | I7 quad core |
| Memory | 8GB DDR4 |
| Hard disk | 256GB SSD |
| Output port | 1*HDMI 1*headphones |
| Input jack | 1*100/1000M network port 1*MIC 2 *USB Port |
| Operating system | Windows10 support (customer-owned installation) |
| Display | |
| Dimensions | 23.8"*2 |
| Type | Led-backlit color LCD display |
| Color | white |
| Display parameters | Resolution: 1920*1080 Contrast: 1000:1 (Typ.) Brightness not less than 250cd/m2 |
| Speaker power | Built-in 2×5W speaker |

| Hd Codec (with Bar 300-G) | |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Active double stream | 1080P30 + 1080P30 Data Conference: 1080P30 + 1080P30 |
| Full HD main lens | 5X/12X optical zoom, F1.8 aperture, 2.13 megapixels, 1/2.8 "CMOS Maximum horizontal viewing Angle 83°/72°, maximum vertical viewing Angle 51.6°/44.5° Pan/Pitch Angle: +/-100° (pan), +/-30° (pitch) Translation/pitch speed: 5°/s to 60°/s (translation), 3°/s to 200°/s (pitching) |
| Wisdom Eye | F2.8 aperture, 2 megapixels, 1/2.9 inch CMOS Angle of view 81° horizontal, 47° vertical |
| Audio input interface | Built-in array microphone 1*3.5mm 1*HD-AI 1*HDMI (audio) |
| Audio output port | 1*3.5mm 2*HDMI (audio) 1*USB 3.0 Type-A |
| Video input port | 1 *Built-in camera (1 channel 5X/12X Smart Best View) 1 *HDMI |
| Video output port | 2 *HDMI 1 *USB 3.0 Type-A |
| Other ports | 1 *RJ45 (10/100/1000M LAN) 1 *RJ45 (for Touch) 1 *Wi-Fi (built-in) |
| Functional Features | WEB will control, Touch will control WEB Image Monitoring Hd picture snapshot 16:9 and 4:3 display mode adaptation and conversion Picture in picture: 1/16 picture size, position optional LDAP/ Network address book Open API interface, support for third-party integration USB zero configuration, plug and play Wireless data sharing IdeaShare Calling call set Auto-Framing Smart voice assistant 2.4G/5G dual-band Wi-Fi, support relay mode, support AP, STA open at the same time |
| Bandwidth | 64kbps to 8Mbps |
| 5G/4G Specifications | |
| Communication standards | 3GPP Release 15 |
| Networking mode | NSA/SA |
| Antenna Type | External 5G/4G antenna with 4 antennas |
| Network band | Support 5G/4G card, 5G full Netcom (n41/n78/n79), 4G full Netcom (B1\B3\B5\B8\B34\B38B39\B40\B41) |
| Power Cell | |
| Input voltage | 100VAC to 240VAC 50Hz to 60Hz |
| Output voltage and power | DC5V/12V/19V Max output power 240w |
| Power Supply type | Lithium-ion battery |
| Charge and discharge time | Charging time 5 to 6h, continuous full load working time ≥4 hours (not counting battery loss) battery effective charge and discharge times ≥2000 cycles |
| Power plug | Pin word port input |
| Environment | |
| Temperature | Operating Temperature: 0°C to 40°C Storage Temperature: -20°C to 50°C |
| Humidity | Working humidity: 10% to 90%, no condensation; Storage humidity: 10% to 90%, no condensation |



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