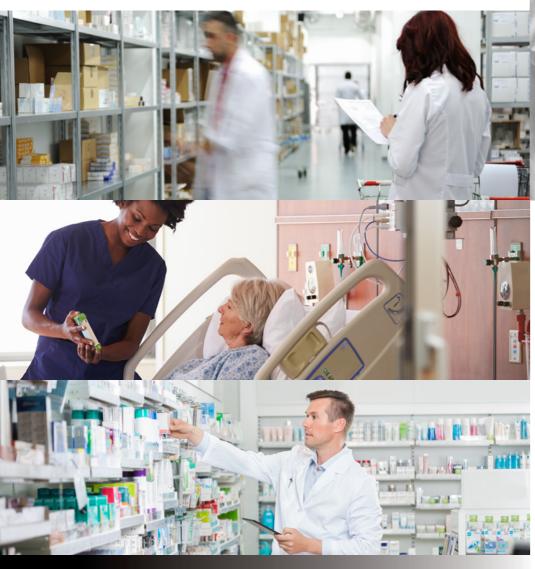# MITAC EXCELLENCE

A leader in the global ICT Industry, MiTAC International Corp was founded in 1982 and has since evolved into an award-winning multinational organisation offering R&D, design, manufacturing, assembly, marketing and bespoke solutions covering the full range of electronics manufacturing services (EMS). MiTAC's position at the leading edge of the Fleet Management industry began with its global brands Mio and Magellan and has been affirmed more recently with their extensive industrial tablet range.

Since launch, MioCARE™ has been awarded the prestigious IF Design Award for three consecutive years for our well-respected 10.1-inch L135-Series and 5.7-inch A-Series Industrial tablets. MioCARE™ has a proven record of increasing efficiency and decreasing medical errors. With the launch of our latest range, the MioCARE™ A500 Series, we continue to enable healthcare institutions to improve care processes and patient outcomes by placing fit-for-purpose, high quality devices at the fingertips of healthcare professionals.

✔ **35+ YEARS OF MANUFACTURING EXCELLENCE**

✔ **AWARD-WINNING RUGGEDIZED TABLET AND HANDHELD DEVICES**

✔ **5 YEARS PRODUCT LIFECYCLE + 2 YEARS ON-GOING EOL SUPPORT**

✔ **DEDICATED TECHNICAL PROJECT SUPPORT & CUSTOMISATION**

✔ **PROVEN TOTAL COST OF OWNERSHIP (TCO) RECORD**

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MioCARE™
A500
Series

Purpose-Built
Rugged Computing
for Healthcare

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WHY MioCARE™ A500 SERIES

The MioCARE™ A500 Series is designed to give healthcare professionals everything they need in a compact and powerful device. It equips market-leading data capture technology in a sleek water- & drop proof antimicrobial casing specifically designed for Healthcare. Powered by Android™ and boasting a crystal clear 5-inch glove-friendly touch panel allows the MioCARE™ A500 to be easily adopted by staff. Its versatility makes the device ideal for a large variety of use cases including patient identification, medication management and inventory management.

DESIGNED FOR HEALTHCARE

The A500 Series' crystal clear 5-inch HD capacitive multi-touchscreen is compatible with surgical gloves and is resistant to liquid spillage, providing effortless operation no matter the situation. Powered by industry-leading Android™ operating system, the A500 offers surprising familiarity and comfort to its users – allowing for stress-free staff adoption and introduction into workflows. Despite its likeness to a smartphone, the A500 does not compromise on its ruggedness and durability required in a demanding healthcare environment. Housing a IP67 casing capable of withstanding drops of 1.2m up to 1.8m, the A500 further features a special antimicrobial coating and can be disinfected with most common healthcare cleaning products - ensuring compliance with healthcare industry infection control standards.

TRIED-AND-TESTED POWERFUL DATA CAPTURE TECHNOLOGY

The world-class, lightning-fast Zebra® SE4750SR 1D/2D barcode imager with PRZM Intelligent imaging technology overcomes even damaged, creased or curved barcodes. With a scanning range of up to 110cm, this best-in-class imager ensures that tasks such as patient identification, drug identification and medication management has never before been more efficient. Additional front & rear cameras allow for extended data collection and can even be leveraged by Optical Character Recognition (OCR) software** for the digitisation of paper forms and notes.

SECURE AND ROUND-THE-CLOCK PERFORMANCE

Hot-swap technology ensures that staff productivity is no longer limited by a device's battery life. Together with a high-capacity Li-ion Polymer battery and optional multi-slot battery & device charging cradles, 24/7 availability is guaranteed. Optional 4G LTE and GPS allows access to patient electronic health records (EHR) when used outside of healthcare premises (e.g. Home Care).
Built-in NFC (HF RFID) technology can be leveraged to enable secure smartcard user identification. Device security is further bolstered by compatibility with market-leading MDM solutions, bringing advanced security features such as remote device control, encryption, remote data wipe, restricted app use and geo-fencing.

RELIABLE AND SECURE

The A500 Series is supported by an extensive accessory range including; single- and multi-unit charging cradles, 4-slot battery charging cradle, hand-strap, replaceable batteries, protective caps and pistol grip, ensuring the MioCARE™ A500 Series is the go-to device in any environment – whether in a patient-facing or a supporting role.

SPECS

SPECS	A505 WIFI	A545 LTE*
Display	5" (1280 x 720) HD wide view angle IPS panel, 450 nits	
Touch	Capacitive multi-touch, Optical bonding, glove support and waterproof	
	Chemically Strengthened Dragontrail™ glass	
Platform	Qualcomm® Quad core 1.3GHz	
OS	Android™ 6.0 (9.0 TBC)	
Memory/Storage	2GB RAM / 16GB ROM	
Expansion	Micro-SD up to 128GB	
Wireless Interface	WIFI 802.11 a/b/g/n (2.4/5GHz) with WPA and WPA2 security	
	N/A	4G LTE (CAT 1) and VoLTE
	N/A	GPS, AGPS, GLONASS, Beidou
	Bluetooth® 4.1 + BLE	
NFC/RFID	Reader mode: ISO14443, ISO15693, FeliCa. P2P mode: ISO18092	
	Sensor area on front side top of device	
BCR	Integrated Zebra® 1D/2D imager with PRZM intelligent imaging technology	
	SE4750SR LED Range up to 110cm	
Camera	Rear: 8M AF w/ Flash LED, Front: 2M	
Battery	Up to 4110mAh Li-ion Polymer	
	Battery life approx. 10 hours (depending on use)	
	Hot-swap user replaceable (suspend mode)	
Sensors	Accelerometer (G sensor), Ambient Light sensor, Proximity sensor, Vibration motor	
Physical Interface	MicroSD slot	
	3.5mm jack: supports headphone + mic / supports dongle payment module	
	Pogo pin connector (9 pin), support charging and USB (host / client) function	
	Built-in mic x2, support noise cancellation	
	Built-in speaker x1	
	N/A	Receiver for voice call
	N/A	Micro SIM slot x1
Environment	Antimicrobial	
	IP67 and 1.2m (up to 1.8m) drop resistant following MIL-STD-810G	
	Temperature: -20°C to +60°C (operating); -30°C to +70°C (storage)	
	Humidity: 0 to 95%, non-condense	
Certification	CE / CB / FCC / IC / BQB / ROHS / WEEE	CE / CB / BQB / ROHS / WEEE
Warrenty	12 months (extended warranty available)	
Dimension	161*80*16.9 (L x W x H; mm)	161*80*17.5 (L x W x H; mm)
Weight	265g	275g

* A545 LTE is available on demand only. MOQ applies. For any queries please contact your account representative.
** Illustration of possible usage scenario only. OCR software not provided by MiTAC or any of its affiliates.

ACCESSORY ECO-SYSTEM

▶ BCR PISTOL GRIP*

MioWORK™

BCR trigger key and unique 'enter' key increases productivity. Ideal for use in healthcare supply chain or inventory management (e.g. in pharmacies).

MioWORK A505/A545 meets the same standards and features the same antimicrobial coating as the MioCARE A505/A545*

▶ SINGLE-UNIT CRADLE

Combine up to 8 single-unit cradles and charge simultaneously
* Requires separate 120W power adaptor

▶ HAND-STRAP

Detachable and adjustable with direct access to hot-swap battery

▶ 4-SLOT BATTERY CHARGER

Combine two 4-slot battery chargers or a single battery charger with up to 4 single-unit cradles. Charge simultaneously
* Requires separate 120W power adaptor

▶ HOT-SWAP BATTERY

Up to 4110mAh Li-ion Polymer spare battery

▶ SNAP-ON CHARGING CABLE

Pogo pins for increased durability, 1.3m with USB Type A connector
* Included with device

▶ PROTECTIVE CAPS

Attach these antimicrobial protective caps on both ends of the device, increasing drop resistance to 1.8m
* Compatible with Single-unit cradle
* Included with device

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