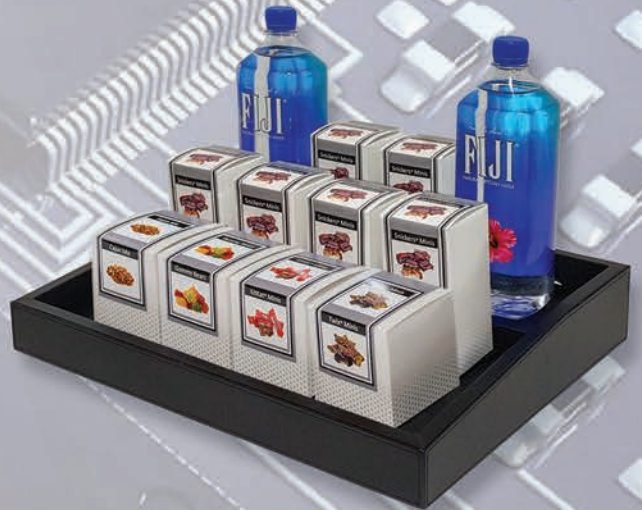


# SMARTCUBE<sup>®</sup>

## AUTOMATED MINIBARS



MINIBAR SYSTEMS  
smart bars • smart people • smart solutions

# FEATURES & BENEFITS

- Silent Thermoelectric cooling technology
- Modular plug and play electronic components for quick and easy replacement
- No microswitches or moving parts – SmartCube uses sealed infrared sensors
- All new S<sup>4</sup> self-diagnostic reporting software
- Angled shelf dividers keep guests from storing personal items inside minibars, reducing spills/excess maintenance and allowances
- Enhanced electronic door lock with mechanical override
- Wi-Fi or Ethernet communication
- 10-year life span and virtually maintenance free
- Easily adjustable internal shelves and transparent door racks for countless product configurations
- Flexible external product configurations with SmartTray
- Automatic billing to the hotel PMS
- Self-diagnostics and reporting
- Full glass front, with either a solid or transparent door option
- Reversible hinging
- Option for a Dual Minibar/Fridge combo



SC-40  
solid foam  
glass door



SC-40 & GF-27  
solid foam  
glass door



SC-40  
glass door



SC-40 glass door &  
GF-27 solid foam glass door



SmartTray  
(4 Sensors)  
leatherette



GF-27  
solid foam  
glass door



SmartTray  
(8 Sensors)  
leatherette



SC-60  
solid foam  
glass door



SmartTray  
(12 Sensors)  
leatherette

# FEATURES & BENEFITS

## Quality Engineered

- 30% more energy efficient over previous SmartCube models
- Eco-friendly silent thermoelectric cooling technology
- State-of-the-art insulation properties (Argon, low-E glass)
- Solid insulated frame for glass door
- Industrial door seals
- RoHS Compliant and free of hazardous materials and chemicals
- Cyclopentane foaming agent – most environmentally friendly material
- Kyoto and Montreal protocol compliant

## Sophisticated Design & Finish

- Door design with sensors mounted directly on the glass door to maximize revenue
- Translucent racking on door for high visibility of products
- Programmable internal LED lighting
- Best product merchandising

## Infrared Sensing Technology

- No moveable parts (unlike micro switches)
- Engineered to be maintenance free
- Sealed electronics – moisture/spill proof
- Sensor shelves can be adjusted without tools
- Adjustable infrared sensitivity

## Communication Technology

- Communication options include:
  - Ethernet
  - Wireless
- Compatible with most PMS Systems
- Real time updates

## Easy Maintenance By Design

- Easy “plug and play” operation
- Console Box “brain” of the unit easily replaced
- Modular design for easy upgrade
- Everything designed to be fixable/repairable/replaceable
- Engineered for 10+ years lifespan



The tablet comes with Android OS and Minibar Operating Software version S<sup>4</sup> or newer

## Tablet Features

- Real time attendant communications
- Bluetooth wireless technology
- Tablet controls refill locking and unlocking of minibar
- Ad-hoc posting feature
- Automatic credit function
- Visual refill and communication confirmation
- Tablet performs maintenance diagnostics
- Paperless operation
- Touch screen design
- Tablet configured specifically for property



# AUTO & WI-FI SMARTTRAYS

- Available for AUTOMATED or WI-FI
- SmartTrays can be added for unlimited product capacity and merchandising
- SmartTrays are available with 2, 4, 8, 10 and 12 sensors
- Optional custom designs for endless possibilities



## SmartTrays

Sensor	Height	Width	Depth
2 sensor leatherette	3.125" 79.38 mm	8.875" 225.425 mm	4.8125" 122.2375 mm
4 sensor leatherette	3.125" 79.38 mm	14.8" 375.92 mm	4.8125" 122.2375 mm
8 sensor leatherette	3.125" 79.38 mm	14.8" 375.92 mm	8.0625" 204.787 mm
10 sensor leatherette	3.125" 79.38 mm	18.385" 467 mm	8.0625" 204.787 mm
12 sensor leatherette	2.717" 69 mm	16.614" 422 mm	14.173" 360 mm

## Wi-Fi Automated SmartTrays

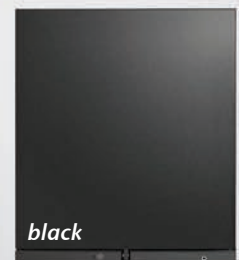
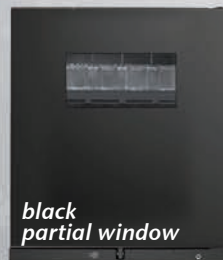
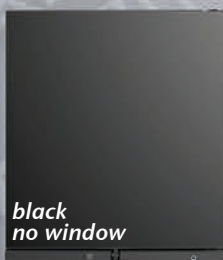
Sensor	Height	Width	Depth
2 sensor leatherette	3.346" 85 mm	4.87" 123.8 mm	4.87" 123.8 mm
4 sensor leatherette	3.346" 85 mm	14.8" 368.3 mm	4.87" 123.8 mm
8 sensor leatherette	3.346" 85 mm	14.5" 368.3 mm	7.716" 196 mm
10 sensor leatherette	3.346" 85 mm	18.385" 467 mm	7.716" 196 mm
12 sensor leatherette	2.717" 69 mm	16.614" 422 mm	14.173" 360 mm

# DOOR OPTIONS

- Full glass silkscreen and solid laminated door options available.
- Customized silkscreening available including logo's.

## Full Glass Door Options

## Solid Laminated Door Options



# SMARTCUBE S<sup>4</sup> SOFTWARE

Without the proper software, automated minibars are nothing more than an expensive refrigerator. It's the true heart to any automated system. It needs to be stable, reliable, and easy to use.

The simplicity of the user interface in the SmartCube software makes it the most powerful and robust minibar management tool in the industry.

## SmartCube S<sup>4</sup> Software

- Product Expiration Management
- Happy Hour Pricing
- Automated Report Generation & Distribution
- Ease of setup and use
- User friendly GUI
- Feature rich

## Software Features

- On-premise or virtual server
- Web based software
- PMS Interface TCP/IP or RS232
- Reference Data and Generate Reports from Any Secure Access Point
- S4 (for automated bars) and MCS (for honor bars) synthesized into one software package
- Auto Emailing of key reports can be setup directly from the S4 system and sent directly to Managers
- Intuitive indicators will appear on all screens to flag PMS and COMM's status (Green/Red)
- Attendants use Android tablets running Minibar's proprietary software to lock/unlock, refill and conduct maintenance diagnostics on the bar
- Video tutorials on [www.minibarsupport.com](http://www.minibarsupport.com)

## Software Features

- Single click buttons
- Critical system alarms:
  - Displayed on all screens
  - E-mailed to key personnel
- Individual sensor fault reporting
- Remote locking and unlocking
- Programmable lighting
- Detailed maintenance reports
- Historical room sales and statistics
- Reports can be exported, E-mailed, or PDF'd
- Automatic perpetual inventory
- Windows network-ready
- Interface TCP IP / RS232
- Automatic daily backup to separate hard drive
- Online manual
- 24 / 7 in-house technical support
- Free upgrades

## Full Suite of Reports

- Labor Tracking
- Maintenance
- Real Time Inventory
- Product Sales
- Financial Analysis
- Restocking Cart Requirements
- Daily Refill Reports

## Bandwidth Used

- 64 bytes a minibar per hour used.
- 3,000 room hotel 192kb/hr of Wi-Fi bandwidth.
- 5,000 room hotel 320kb/hr of Wi-Fi bandwidth.
- It will take over 15 million minibars to reach 1 gig of bandwidth

Attendant	Room Number	Bar ID	Sub Item	Sub Item	Date and Time
Attendant1	310	101	WATER_REFILL_NDWR	WATER_REFILL_NDWR	20170818 08:44:10
Attendant1	312	101	WATER_REFILL_NDWR	WATER_REFILL_NDWR	20170818 08:44:10
Attendant1	323	101	WATER_REFILL_NDWR	WATER_REFILL_NDWR	20170818 08:44:10
Attendant1	334	101	WATER_REFILL_NDWR	WATER_REFILL_NDWR	20170818 08:44:10
Attendant1	335	101	WATER_REFILL_NDWR	WATER_REFILL_NDWR	20170818 08:44:10
Attendant1	336	101	WATER_REFILL_NDWR	WATER_REFILL_NDWR	20170818 08:44:10
Attendant1	337	101	WATER_REFILL_NDWR	WATER_REFILL_NDWR	20170818 08:44:10
Attendant1	338	101	WATER_REFILL_NDWR	WATER_REFILL_NDWR	20170818 08:44:10
Attendant1	339	101	WATER_REFILL_NDWR	WATER_REFILL_NDWR	20170818 08:44:10
Attendant1	340	101	WATER_REFILL_NDWR	WATER_REFILL_NDWR	20170818 08:44:10
Attendant1	341	101	WATER_REFILL_NDWR	WATER_REFILL_NDWR	20170818 08:44:10
Attendant1	342	101	WATER_REFILL_NDWR	WATER_REFILL_NDWR	20170818 08:44:10
Attendant1	343	101	WATER_REFILL_NDWR	WATER_REFILL_NDWR	20170818 08:44:10
Attendant1	344	101	WATER_REFILL_NDWR	WATER_REFILL_NDWR	20170818 08:44:10
Attendant1	345	101	WATER_REFILL_NDWR	WATER_REFILL_NDWR	20170818 08:44:10
Attendant1	346	101	WATER_REFILL_NDWR	WATER_REFILL_NDWR	20170818 08:44:10
Attendant1	347	101	WATER_REFILL_NDWR	WATER_REFILL_NDWR	20170818 08:44:10
Attendant1	348	101	WATER_REFILL_NDWR	WATER_REFILL_NDWR	20170818 08:44:10
Attendant1	349	101	WATER_REFILL_NDWR	WATER_REFILL_NDWR	20170818 08:44:10
Attendant1	350	101	WATER_REFILL_NDWR	WATER_REFILL_NDWR	20170818 08:44:10

Room	Start Date	End Date	Prepared	Washed	Method	2002	Ref Number	Method/Day	Rate/Day	Multi Trip	Quantity
Room 101	20170818 08:00:00	20170818 08:00:00	100	75	100	0	00	75	47%	40	100
Room 102	20170818 08:00:00	20170818 08:00:00	100	75	100	0	00	75	47%	40	100
Room 103	20170818 08:00:00	20170818 08:00:00	100	75	100	0	00	75	47%	40	100
Room 104	20170818 08:00:00	20170818 08:00:00	100	75	100	0	00	75	47%	40	100
Room 105	20170818 08:00:00	20170818 08:00:00	100	75	100	0	00	75	47%	40	100
Room 106	20170818 08:00:00	20170818 08:00:00	100	75	100	0	00	75	47%	40	100
Room 107	20170818 08:00:00	20170818 08:00:00	100	75	100	0	00	75	47%	40	100
Room 108	20170818 08:00:00	20170818 08:00:00	100	75	100	0	00	75	47%	40	100
Room 109	20170818 08:00:00	20170818 08:00:00	100	75	100	0	00	75	47%	40	100
Room 110	20170818 08:00:00	20170818 08:00:00	100	75	100	0	00	75	47%	40	100

Room Number	Control Panel	Lock Check	Microguard	Approved	Unpaid
101					
102					
103					
104					
105					
106					
107					
108					
109					
110					

# TECHNICAL SPECIFICATIONS



Model	SC-40	SC-60	GF-27
Cooling Type	Thermoelectric Heat Pipe	Thermoelectric Heat Pipe	Thermoelectric Heat Pipe
Number of Sensors / Shelves	28 / 0	32 / 0	0 / 2
Capacity (liters / cubic feet)	40 / 1.22	50 / 1.766	27 / 0.95
Dimensions HxWxD (inches)* HxWxD (mm)*	22.92 x 16.14 x 18.7* 582.4 x 410 x 475*	22.92 x 19.29 x 18.7* 582.4 x 490 x 475*	22.92 x 12.2 x 18.55* 582.4 x 310 x 471.1*
Door Options	Full Glass Front: No Window, Full Window, Partial Window, Stainless Steel Full Window Solid Laminated: Black Solid, Stainless Steel		Full Glass Front: No Window
Watts (W)	60W	42-52W	60W
Voltage (V)	110V / 60Hz 220V / 50Hz	110V / 60Hz 220V / 50Hz	110V / 60Hz 220V / 50Hz
Amps	0.5-0.9	0.35-0.75	0.5-0.9
Energy Consumption (kWh/24h)**	0.43 kWh/24h**	0.32 kWh/24h**	0.4 kWh/24h**
Net Weight (lbs / kgs)	46.5 lbs / 21.1 kgs	52.91 lbs / 24 kgs	27.12 lbs / 12.3 kgs
Noise Level (dB)	40 dB	40 dB	40 dB
Certification	CSA / CE / FCC / ETL / WEEE and ROHS compliant / Manufacturing ISO9001 and ISO14001 certified		

# TECHNICAL SPECIFICATIONS



Model	SC-DualBar	SC-42
Cooling Type	Thermoelectric Heat Pipe	Thermoelectric Heat Pipe
Number of Sensors / Shelves	28 / 2	30 / 0
Capacity (liters / cubic feet)	67 / 2.36	40 / 1.22
Dimensions HxWxD (inches)* HxWxD (mm)*	22.92 x 28.465 x 18.7* 582.4 x 723 x 475*	16.81 x 21.65 x 20.47* 427 x 550 x 520*
Door Options	See SC-40 & GF-27 Door Options Above For More Details	Full Glass Front: No Window Solid Laminated: Black Solid
Watts (W)	60W	42-52W
Voltage (V)	110V / 60Hz 220V / 50Hz	110V / 60Hz 220V / 50Hz
Amps	0.5-0.9	0.35-0.75
Energy Consumption (kWh/24h)**	0.43 kWh/24h & 0.4 kWh/24h**	0.32 kWh/24h**
Net Weight (lbs / kgs)	73.63lbs / 33.4 kgs	52.91 lbs / 24 kgs
Noise Level (dB)	40 dB	40 dB
Certification	CSA / CE / FCC / ETL / WEEE and ROHS compliant / Manufacturing ISO9001 and ISO14001 certified	

\* Measured to door handle

\*\* Average energy consumption per 24 hours, at 25°C (77°F) ambient temperature and 7°C (44.6°F) cooling temperature, in compliance with EN ISO 7371



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MinibarSystems.com

**Minibar North America**

7340 Westmore Road  
Rockville, MD 20850

tel 301 354 5055

fax 301 309 1115

info@minibarsystems.com