

Synergy Tablet

Synergy command and control on a mobile tablet platform enables security managers to view and respond to events from any location.



Synergy Tablet delivers Synergy command and control on a portable tablet platform for management of the surveillance operation outside of the control room.

Through wireless connectivity users can perform all of the standard Synergy functions as if they were physically in the control room including: viewing and controlling live and recorded footage, accessing maps, selecting cameras, responding to alarm activations, and capturing and managing incidents.

Ideal for those applications that need on-the-ground access for security guards or continuous access for security managers on or off site, Synergy Tablet can be used in everyday or emergency scenarios to maintain control of business-critical security systems. In the event of evacuation from the control room, system operation can continue from any location using Synergy Tablet, making it a key disaster recovery solution.

The ability to view, and respond to events from any location is an essential tool for security managers. In a high-risk situation requiring supervisor authorization, the security manager can access the system, view cameras or incidents and provide direction to the control room, even if they are in a remote location away from site.

For patrol or lone worker use, guards can access cameras in proximity to their location to determine if an area is safe before entering, providing another form of protection for personnel.

IT ARCHITECTURE	
CPU	I5-3437U
RAM	4 Gigabytes
O/S	Windows 7 Professional (128gig SSD)
PORTS	
USB	1 x USB3
Flash	n/a
Ethernet	Wireless or USB Adapter (Option)
HDMI	1
Audio	3.5mm Jack
K Security Slot	1
APPLIANCE FUNCTIONALITY	
Audio /Video Capability	Audio Via HDMI / 3.5mm Jack / Onboard Speaker
Inbound Stream Support (All fps is maximum, lower frames are supported)	Single Screen – 8mbps Quad – 16mpbs i.e. Full Screen - 1 x HD 6.0mbps 30fps or Quad - 2 x HD 4.0mbps 30fps and 2 x SD @2.0mbps However, network strength and quality have major performance impacts
De-Warping	De-warping Capability for Single Screen Use Only
OSD Configurable	- Cam/Mon –YY/MM/DD HH/MM/SS
POWER	
Power Supply	AC Adaptor or Battery Pack
AC Adaptor	Input 100V to 240V AC, 50Hz/60hz, Output 16V DC, 4.06A
Battery Pack	Li-ion 10.8 V, 4400 mAh (typ), 4100 mAh (min)
Operating Time	Approx. 8 Hours
Charging Time	Power On – Approx 3 Hours; Power Off – Approx 2.5 Hours
Power Consumption	Approx 30W / Approx 60W when charging
BTU's Generated	103BTU's / 206 when charging
Power Brick Size	100mm x 30mm x 40mm

WIRELESS NETWORK	
Data Transfer Rates	IEEE802.11a: 54/48/36/24/18/12/9/6 Mbps (Automatically Switched) IEEE802.11b: 11/5.5/2/1 Mbps (Automatically Switched) IEEE802.11g: 54/48/36/24/18/12/9/6 (Automatically Switched) IEEE802.11n: (HT20) GI=400ns:150/130/115/86/72/65/57/43/28/21/17/7 Mbps (Automatically Switched) GI=800ns:150/130/115/86/72/65/57/43/28/21/17/7 Mbps (Automatically Switched) (HT40) GI=400ns:300/270/240/180/150/135/120/90/60/45/30/15 Mbps (Automatically Switched) GI=800ns:270/243/216/162/135/121/108/81/54/40/27/13 Mbps (Automatically Switched)
Standards Supported	IEEE802.11a/b/g/n
Transmission Method	OFDM System, DSSS System
Wireless Channels Used	IEEE802.11a: Channels 36/40/44/48/52/56/60/64/100/104/108/112/ 116/120/124/128/132/136/140 IEEE802.11b / 11g Channels 1 to 13 IEEE802.11n Channels 1-13/36/40/44/48/52/56/60/64/100/104/108/112/ 116/120/124/128/132/136/140
RF-Frequency Band	IEEE802.11a : 5.18Ghz-5.32Ghz, 5.5Ghz-5.7Ghz IEEE802.11b /11g : 2.412-2.462 Ghz IEEE802.11n : 2.412-2.462 Ghz, 5.18Ghz-5.32Ghz, 5.5Ghz-5.7Ghz
Bluetooth Version	4.0
Transmission Method	FHSS System
Channels Used	1 – 79 / 0 – 39 (Low Energy Mode)
Bluetooth RF Band	2.402 – 2.480 GHZ
3g/4g	Supported by Dongle

GENERAL	
Size	270 mm x 188mm x 19mm 10.5"x7.5"x0.75"
Weight	1.1Kg
Operating Temperature	-10-50 Degrees C (IEC60068-2-1,)
Storage Temperature	-20-60 Degrees C
Max Resolution	1920 * 1200 WUXGA
Max Mbps	Single Screen – 8mbps Quad – 16mpbs
Humidity	30% to 80% Non-Condensing
Certifications and Approvals	MIL-STD-810G, IP65

ADDITIONAL FEATURES	
Magnesium Alloy Chassis Encased with ABS and Elastomer Corner Guards	
Port Covers	
Raised Bezel for LCD Impact Protection	

OPTIONS	
Replacement Digitizer Pen	
Desktop Cradle / Dock	
Always on Case	
Professional Case	
Vehicle Dock	
External Battery Charger	

CAMERA	
Camera Front	1280 * 720 30fps
Camera Rear	1280 * 720 30fps / 2048 * 1536 Still