



TAKTIS-TS1

Taktis Fire Panel
2-4 Loops
(H) 590 x (W) 420 x (D) 162



TAKTIS-TS2

Taktis Fire Panel
2-8 Loops
(H) 710 x (W) 500 x (D) 169



TAKTIS-TS3

Taktis Fire Panel
2-16 Loops
(H) 1065 x (W) 560 x (D) 239

Taktis

High Integrity Configurable Network

Product Overview

The Taktis product range combines the very latest hardware and software to produce a control and indication system, which is powerful and sophisticated, yet simple to use and understand.

The large graphical touch screen provides a clear, uncluttered and intuitive interface so the end user requires minimal training.

Available in 4 slot and 8 slot variants, with each slot supporting a 2 loop detection card, the Taktis fire control panel ranges from 2 to 16 detection loops.

The generous quantity of sounder circuits, relays and inputs provided as standard can be further increased by the addition of one or more Taktis I/O plug in expansion cards.

The Taktis Network Card allows networking of up to 128 panels and repeaters meaning that Taktis can provide reassurance to all building owners/ operators whether responsible for a small system or a large complex.

Taktis Vision panels can be connected to the Taktis network to provide a fully functional repeater in a compact enclosure.

The future remote management features offered by Virtual Resource will result in reduced fault calls, improved technical support, efficient and proven maintenance, reduction of unwanted alarms, a full audit trail and improved overall service to the end user.

Features

- 2 to 8 loop or 2 to 16 loop versions
- 500 milliamp loop current
- 4 programmable sounder circuits each rated at 2.5 Amps
- 5.25 Amp or 10.25 Amp power supply options
- 3 programmable inputs
- 5 programmable relay outputs
- Up to 512 programmable I/O via optional plug in and serially connected expansion cards
- Ancillary configurable facia controls
- Hard wired fire and fault routing inputs and outputs
- Modular electronics
- Over 4000 sub address points per panel
- COINCIDENCE, OR and AND operators in cause and effects
- Option to "invert" inputs and outputs
- Powerful, standard configuration templates
- Network up to 128 panels
- Configurable via USB port to PC or memory stick

TAKTIS DISPLAY

Taktis utilises a full colour, 7" 800x480 touch screen graphical display to provide a clear, simple and intuitive user interface. 80 character zone location and 80 character device messages allow a clear, concise description of each detection device location to be configured.

TAKTIS DISPLAY - FUNCTION BUTTONS

Up to 24 customer specific function buttons may be configured to provide control, disablement and engineering functions. The functions buttons can be configured to be either available or hidden for each log in profile.

USER ACCESS

Level 2 Fire Brigade screen by opening door
Level 3+ by unique 6 digit programable passcodes
Up to 64 individual login accounts can be configured, with different profiles and access permissions.

EVENT LOG

A 10,000 entry event log records all system activity to 1 second resolution. The log is held in secure memory and is retained when power is removed from Taktis. Powerful filtering allows the log to be sorted by event type, between dates, by zone, by panel and by address. Using the LE2 (Loop Explorer 2) configuration program, the event log can be downloaded and stored as a CSV (comma separated values) format.

Taktis specification

Power Supply	5.25A Version : TS1	10.25A Version (2) : TS2 and TS3
Input Voltage	115/230V AC	115/230V AC
Protection	Fused 3A, 250 VAC, Slow-blow, 5 x 20 mm	Fused 5A, 250 VAC, Slow-blow
Output current	5.25A Version	10.25A Version
Charger current	4 Amps + 1.25A for battery charging.	8 Amps + 2.25A for battery charging.
Power supply output Voltage	24V DC	24V DC
Power supply ripple Voltage	1V maximum	
Power supply fault	Switched negative open collector (with respect to load positive) current limited 100mA max	
Load output voltage	19V DC minimum, 30V DC maximum	
Battery type	Two 12 VDC, rechargeable, valve-regulated, lead-acid.	
Maximum battery capacity	TS1 24Ah, TS2 24Ah, TS3 55AH	
Discharge cut-off voltage	21 VDC	
Panel quiescent current	Panel build specific - refer to manual	
Dual Loop card quiescent current	80mA	
Loop capacity (per loop)	500mA	
Max no. of devices	127 (Hochiki)	
Loop Cabling requirements	2 core 1.0 to 2.5mm ²	
Fault supervision	OC,SC,Weak OS, weak SC, overcurrent, earth, other.	
No. of zones	2000 (software)	
Devices per zone	Configurable (software)	
Panel Outputs (Maximum)		
Sounder (x4)	<p>24 VDC @ 2.5A,programmble for continuous power, synchronisation and power-drop on reset.</p> <p>Fused: Electronic, programmable fuse current level</p> <p>Supervision: Voltage reversing DC</p> <p>Short Circuit Threshold: 130 Ohms +/- 20%</p> <p>Maximum line-voltage-drop: 2V DC</p> <p>Monitored EOL</p>	
Aux 24V	24 VDC @ 1A	
Relays:	NO, C, NC	
FAULT RELAY	Power Factor: 1.0	
FIRE RELAY	Relay Function: Common,	
ALARM RELAY	Programmable, Not monitored	
PROG 1	30 VDC @ 1A maximum,	
PROG 2	Volt free change over contact	
Inputs programmable (x3)	<p>Open circuit voltage: 24V DC</p> <p>Short circuit current: 3.3mA</p> <p>Threshold impedance: 2K Ohm</p>	
Comms external to FACP	RS485	
Comms printer port	RS232	
Comms PC interface	USB	
Temperature range	-5 - +40C	
Material	18SWG mild steel	
Colour	BS 00 A 05 fine texture	
Dims (2 - 8 Loop)	<p>TS1 :590mm (H) x 420mm (W) x 162mm (D) , TS2 : 710mm (H) x 500mm (W) x 169mm (D),</p> <p>TS3 :1065mm (H) x 560mm (W) x 239mm (D)</p>	
IP	IP30	
	* TS1 is only available with 5.25A power supply / TS1 has a maximum loop capacity of 4 loops	



TAKTIS-TS1
Taktis Fire Panel
(H) 590 x (W) 420 x (D) 162



TAKTIS-TS2
Taktis Fire Panel
(H) 710 x (W) 500 x (D) 169



TAKTIS-TS3
Taktis Fire Panel
(H) 1065 x (W) 560 x (D) 239



TAKTIS-VISION-N
Configurable Fire Alarm Repeater
24V DC



TAKTIS-K772
16 Channel I/O Board



TAKTIS-K791
8 Way Relay Board



TAKTIS-K792
8 Way Conventional Zone Board



TAKTIS-K793
4 Way Sounder Board

TAKTIS-KAU2044
Taktis Fan Controller (5)
(Master Module)



TAKTIS-KAU2060
Taktis Fan Controller (6)
(Slave Module)



TAKTIS-KAU2045
Taktis Ancillary Module (8)



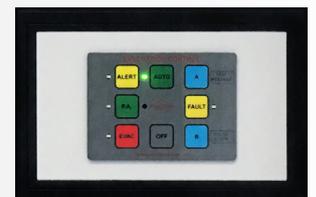
TAKTIS-KAU2046
Taktis LED Module (32)
Selectable columns:
Green, Red, Amber



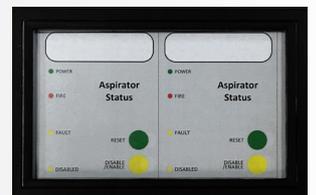
TAKTIS-ASE
Select your ASE Bracket



EVAC-SD-FACIA
Taktis OWS Control and Microphone



TAKTIS-SECRDU
Securiton (2)
Control Display



TAKTIS BATTERY BOX
TAKTIS-BBS1
(H) 230 x (W) 420 x (D) 162
TAKTIS-BBS2
(H) 300 x (W) 500 x (D) 169
TAKTIS-BBS3
(H) 395 x (W) 560 x (D) 239

