

DM650HM BATTERY POWERED HUMIDITY/TEMPERATURE DISPLAY

Logger	Set device passkey number Clear, start new log	Device passkey is used to protect the NFC interface.
Other device options	Synchronise clock Write tag, contact address Read, reset maximum and minimum input values Location settings	To PC time setting 24 characters Latitude and longitude
Relay control	Name Action	10 characters High, low, band, low battery
	Set point Dead band	%RH, temperature, dew point, delta temperature
Live data	Read values	%RH, temperature, dew point, delta temperature Time, date
	Relay state	Off, on
*1 Below -5°C ambient temperatures scrolling messages are not practical due to the update speed of the LCD display. Below this use basic mode only.		

USB LOGGER USER INTERFACE		
Type / options / function	Description	Notes
Logger hardware	USB mini B port	A to mini B cable required
Logger software	USBLogLink	Download www.status.co.uk
Operating system	Microsoft Windows	Win 7 or later
Logger	Start, set log parameters	Interval, rate, (delay) start, number of points, rolling or fixed log
	Read log parameters	
	Stop, start new log Synchronise, read clock	
	Read live data	Input values
	View log data/graph log data	Save data to CSV file

NFC LOGGER USER INTERFACE ANDROID		NFC ENABLED ANDROID DEVICE REQUIRED
Type / options / function	Description	Notes
Logger software	NFCLogLink	@ Google Play Store
Operating system	Android V4.4 Kitkat or later	NFC enabled
Logger	Start/set log parameters	Interval, rate, (delay) start, number of points, rolling or fixed log
	Read log parameters	
	Stop/start new log Synchronise/read clock	
	View log data/graph log data	Save data to text file
	Transfer data via email etc.	Standard Android functions

GENERAL	
Function	Description
Update rate	5 seconds
Relay response time	< 10 seconds
Battery	1 x (AA 3.6 V lithium)
Battery life	1-year minimum (longer depending on options selected)
Clock accuracy	±2 seconds per month typically

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ENVIRONMENTAL	
Function	Description
Ambient temperature	Operating/storage (-30 to 70) °C
Ambient humidity	Operating/storage (10 to 90) %RH non-condensing
Protection Housing Stem	IP65, cable entries must be sealed to IP65 to maintain Measurement tip not sealed, protect from splashes
USB configuration ambient	(10 to 30) °C

CONNECTIONS	
Function	Description
Output relay	Two-part screw connector
USB connection	USB mini B socket

MECHANICAL	
Function	Description
Enclosure	ABS: grey base, grey clamp ring. Polycarbonate: screen
Display cover	Polycarbonate, clear
Case entries	M20 see ORDER CODES below
Front of display diameter	65 mm
Weight (approximate)	200 g

APPROVALS	
Function	Description
EMC	BS EN 61326
Ingress protection	BS EN 60529
RoHS	Directive 2011/65/EU