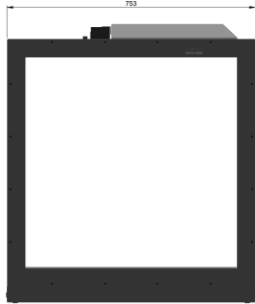
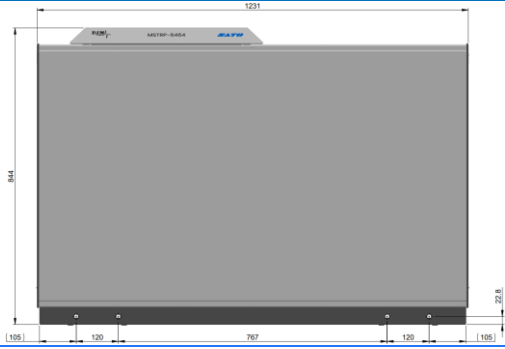


MSTRP-6464 Tunnel Reader

The MSTRP-6464 PJM RFID Tunnel Reader is SATO's flagship Reader with the ability to read and/or encode any number of closely stacked tags at high speed in any orientation. The class leading design is rugged enough to be used in any environment from warehousing to high-speed conveyor fed systems yet sophisticated enough to be placed in hospital departments.

The electronic shielding employed in the design & construction of the MSTRP-6464 reader ensure its suitability for use in most environments including Healthcare, where sensitive equipment may be present – It is even safe enough to be used in hospital operating theatres.

As with all SATO PJM RFID readers, the MSTRP-6464 provides 100% data accuracy and is supplied with SATO's Reader Manager Software which provides an easy-to-use platform for reader setup, configuration, and testing, ensuring the reader is setup & ready to work with your application in virtually no time.

Electrical		Certifications	
Operating Frequency	13.56 MHz	USA	Complies with FCC Part 15 Low Power Communication Device
ISO/IEC Compliance	18000-3 Mode 2		
Command Data Rate	424 kbit/s	Europe (CE Mark)	EN55022 Class B, EN 301 489-1 V1.6.1, EN 301 489-3 V1.4.1, EN 61000-3-2, EN 61000-3-3, EN 61000-4-2, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-11, EN 60950.1, EN 300 330-1 V1.3.1, EN 300 330-2 V1.3.1, EN 50364, EN50357, ROHS
Reply Data Rate per Channel	106 kbit/s		
Number of PJM Reply Channels	8		
Number of Axes	3		
Operating Range	Internal Volume		
Antenna Cable Length	N/A	Australia	AS/NZS CISPR 22(2006), EN55022, AS/NZS 4268(2003), AS/NZS 60950, RPS3 (ARPANSA), RCM
Dedicated I/O	N/A		
Power Supply	15VDC		
DC Power Supply Connector	2.5 mm DC centre pin positive	Singapore (IDA)	Registration Number: N0424-15
Mains Input	110 - 240 VAC @ 50/60 Hz	Malaysia (SIRIM)	AN:RALI/25C/0615/S(15-1734)
Mains Connector	IEC 320/C14	General	
Power Consumption	75W	Read and write operations	
Performance with 100% Data Accuracy		No manual calibration needed	
Tag Type	See Tag Reference Table	Automatic tuning	
Identification rate	Up to 600 tags/s	Multiple readers can be placed in close proximity	
Identify & read 96 bits data	Up to 250 tags/s	Readers are safe to use in medical installations	
Identify, write & read back 96 bits of data	Up to 50 tags/s		
Host			
Host Interface	USB and Ethernet (Shielded CAT 5 or better)		
Host Computer	Windows 7 minimum. Windows 10 onward recommended.		
Software			
Minimum Version - OS4	Reader Server 4.06.1		
Environmental			
Operating Environment	Indoor use	Figure 1. Front View - Dimensions (mm)	
Temperature Range	+10°C to +45°C		
Humidity (non - condensing)	10% to 80%		
Mechanical			
External Dimensions (L x W x H)	1231 X 753 X 844 mm		
Shipping Dimensions (L x W x H)	1420 x 920 x 1170 mm		
Internal Aperture	640 X 640 mm		
Net Weight	180 kg		
Net Volume	0.78 m ³		
Shipping Weight	260 kg		
Shipping Volume	2.48 m ³	Figure 2. Side View - Dimensions (mm)	