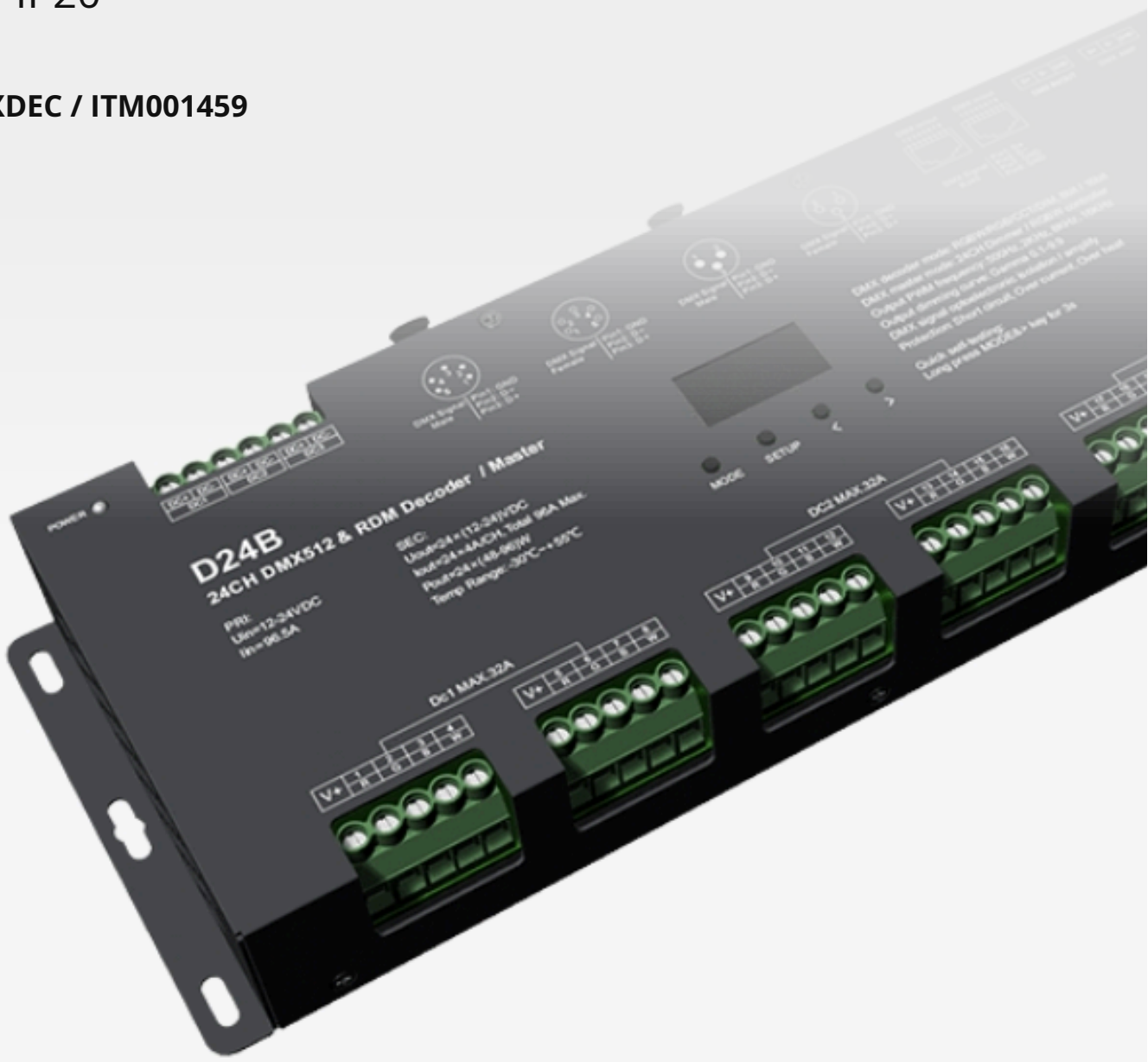
Tagra | DMX | 12-24V | LED Decoder | 24 Channel | 4A | RGB+W | IP20

24CH4ADMXDEC / ITM001459



Datasheet

Tagra | DMX | 12-24V | LED Decoder | 24 Channel | 4A | RGB+W | IP20



Channels	Control In	IP Rating	Voltage In	Warranty
24CH	DMX	IP20	12V - 24V	5 Years

SKU: 24CH4ADMXDEC
ITM: ITM001459

Key Features:

- **Colour Control Type:** RGBW
- **Input Terminal / Connector Type:** Screw terminal, XLR3, XLR5, RJ45
- **Output Terminal / Connector Type:** Screw terminal
- **Control Distance:** 300m
- **Din Rail Compatible:** No
- **Dimensions (whl):** 135 x 46 x 335mm

Mechanical Data			
Body Colour:	Black	**DIN Rail Compatible:**	No
Product Weight:	1300g	**Product Height:**	46mm
Product Length:	335mm	**Product Width:**	135mm

Electrical Data	
Constant Voltage / Constant Current:	CV

Input Data			
Input Control Connector Type:	XLR3, XLR5, RJ45	**Input Current:**	96.5A
Input Current Max :	96.5A	**Input Current Type:**	DC
Input Terminal / Connector Type:	Screw terminal, XLR3, XLR5, RJ45	**Input Voltage:**	12V - 24V
Input Signal:	DMX512		

Output Data

Max Load:	96W	**Max Output Current Per Channel:**	4A
Min Load:	48W	**No of Control Channels:**	24
Output Current:	4A	**Output Current Max @12V:**	4A
Output Current Max @24V:	4A	**Output Current Type:**	DC
Output Terminal/Connector Type:	Screw terminal	**Output Voltage:**	12V - 24V

Control Data

Colour Control Type:	RGBW	**Control Distance (barrier-free):**	300m
Control Input Resolution:	8Bit	**Control Signal Input:**	DMX
Control Signal Output:	PWM	**Default PWM Frequency:**	2000Hz
Detection Distance:	300m	**Dimming Curve:**	Linear%
Dimming Greyscale:	100%	**Dimming Range:**	0% - 100%
DIP Switch:	No	**Interface Type:**	DMX
Manual Override:	Yes	**No of Programmes:**	10
Screen Type:	7-segment LED display		

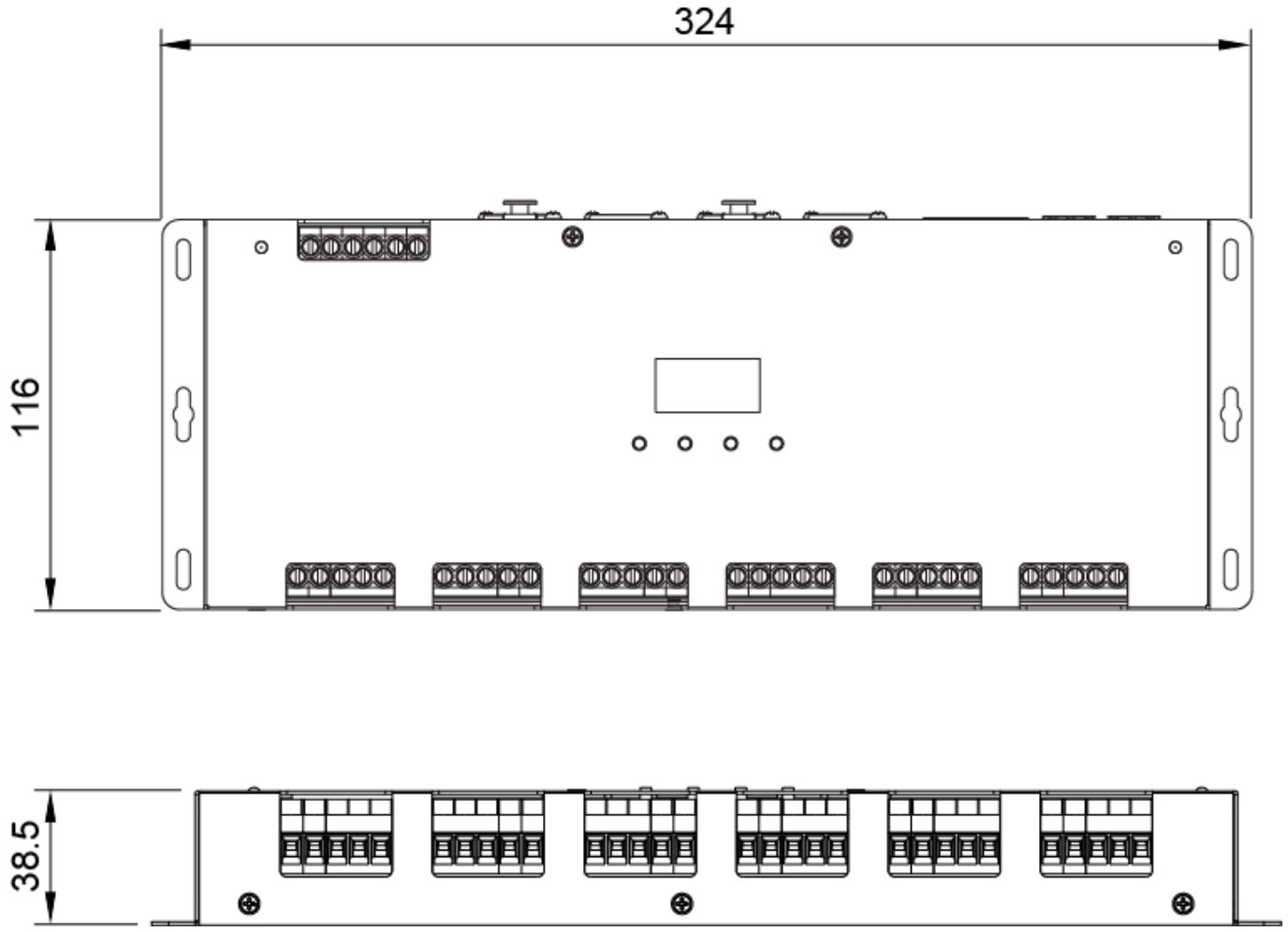
Environmental Data

Body Material:	Metal	**Ingress Protection (IP):**	IP20
Interior or Exterior Use:	Interior	**Mounting Type:**	Surface Mounted
Operating Temperature:	-30°C - 55°C		

Protection Data

Electrical Safety Class:	III	**Over Current Protection:**	Yes
Over Current Protection Mode:	Auto recovery	**Over Temperature Protection:**	Yes
Over Temperature Protection Mode:	Auto recovery	**Over Voltage Protection:**	Yes
Short Circuit Protection:	Yes		

Dimension Drawing



Packaging Data

Packaging Height:	280mm	**Packaging Length:**	400mm
Packaging Width:	375mm		

Disclaimer

Tagra Lighting have taken reasonable care to ensure that the information in this datasheet is accurate at time of publication however it should be noted that all specifications are subject to tolerance. Descriptive specifications such as colour are subjective. Tagra Lighting reserve the right to update specifications without notice. The information in the datasheet may only be relied on by customers of Tagra Lighting in accordance with applicable terms and conditions.

Tagra Lighting is a trading name of T.R Ventures Limited, a company incorporated in England with registered number 07757720. Our registered office is Unit 2, Southfield Industrial Estate, Trafford Park, M17 1SJ.

www.tagra-lighting.co.uk

