



Overview

Product name	TE288 A
Principle	Test chart to determine the resolution of a digital camera compliant to ISO 16505

Features

Slanted edges

Type/s of pattern	5 subcharts of slanted edges, each with two vertical and two horizontal edges and one set of gray patches		
Modulation	between 0.55 and 0.65		
Inclination of the edges	5 degrees		
Size of subchart	160 x 160 mm		
Sample rate* [MP]	minimum	maximum	(HDTV - 8K)*
	A1066 S	2	
	other		
Gray scale	16 step gray scale, circular arranged, individually measured (densities of each patch see annex)		
Size of the gray patches	W [mm]	H [mm]	
	A1066	67.3	67.3
	other		
Background	R between 0.15 and 0.25 **		

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General description hardware

Type	reflective			
Aspect ratio	<input type="checkbox"/> 16:9 <input type="checkbox"/> other: _____			
Chart size [W x H x D]	W [mm]	H [mm]	D [mm]	Weight [g]
	<input type="checkbox"/> A1066	1245	835	3.2
	<input type="checkbox"/> other			
Picture size	16:9			
	W [mm]	H [mm]		
	<input type="checkbox"/> A1066	1066.67	600	
<input type="checkbox"/> other				
Material	specific matt paper			
Mounting	aluminum composite panel (aluminum Dibond)			
Edge fashioning	-			
Service life	3 years			
Scope of delivery	Test chart, acceptance protocol			

Miscellaneous

Evaluation / Assessment	supported by iQ-Analyzer (version 6.2 or higher)
Standards	ISO 16505:2015 Road vehicles – Ergonomic and performance aspects of Camera Monitor Systems – Requirements and test procedures
Accessoires	Chart case

* if chart fills the image height the chart can be used with a camera of minimum/maximum sample rate, stated in mega pixel (MP)

** remission

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Acceptance protocol

SN:

Date:

Operator:

Reference values gray patches*

Patch	Reference density	Measured density	Deviation
1 (white)	0,08		
2	0,14		
3	0,21		
4	0,27		
5	0,34		
6	0,42		
7	0,50		
8	0,59		
9	0,68		
10	0,77		
11	0,88		
12	1,00		
13	1,12		
14	1,26		
15	1,42		
16 (black)	1,60		
Edge	1,30		
Background	0,70		
Modulation edge/background			

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1 (white)	0,08		
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Modulation edge/background			



*measured on center star

 Signature