

## Features

MODEL	C400	C300
Description	4th generation compact welding camera for demanding environments with integrated illumination and cooling channels	3rd generation compact welding camera for demanding environments with integrated illumination and cooling channels
Main applications	GMAW, TIG, Plasma, Robotic, Additive Manufacturing	GMAW, TIG, Plasma, Robotic, Additive Manufacturing
Camera unit		
Max resolution (pixel)	1440 x 1080	1440 x 1080
Max frame rate (fps) <sup>(1)</sup>	70 <sup>(2)</sup>	70 <sup>(2)</sup>
Working distance (mm)	150...300	150...300
Field of view (mm <sup>2</sup> )		
@ working distance 150 mm	28 x 21	28 x 21
@ working distance 200 mm	40 x 30	40 x 30
@ working distance 250 mm	51 x 38	51 x 38
@ working distance 300 mm	62 x 47	62 x 47
Size (WxHxL, mm <sup>3</sup> )	38 x 48 x 99	30 x 45 x 99
Weight (g)	350	200
Laser wavelength (nm)	640	640
Laser class	3R	3R
Camera interface	Gigabit Ethernet	Gigabit Ethernet
Gigabit Ethernet connector	M12, X-coded	M12, X-coded
Power & IO connector	M12	M8
Cooling options	Passive: heatsink, heat conduction Active: air, liquid	Passive: heatsink, heat conduction Active: air, liquid

1. At full resolution, dependent on computer performance
2. Up to 500 fps with reduced resolution (720 x 540 pixels) with high-speed version having USB3 interface
3. All values are approximate values, design working distance is 200 mm.

Custom solutions are possible.

