

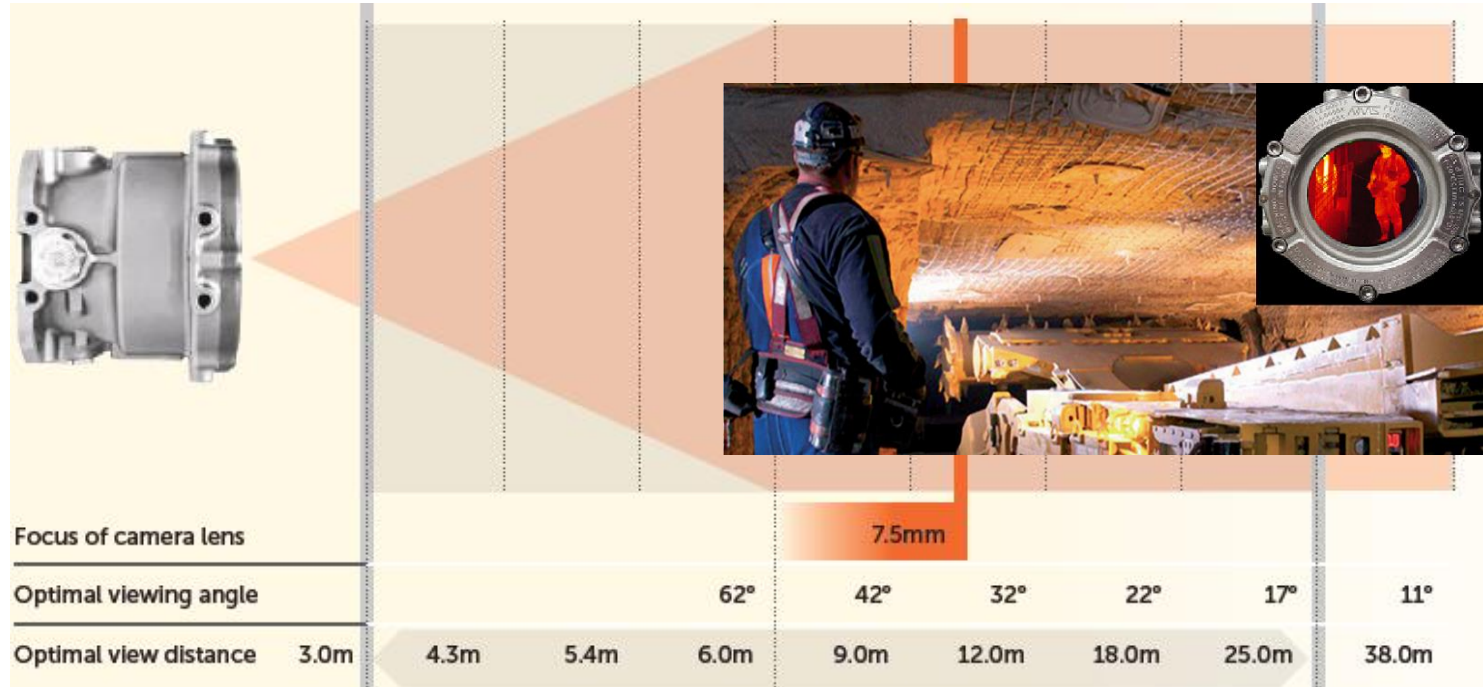
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ExTREMECAM
Ex d Thermal Camera

- ONVIF Profile S compatible
- Supports H264 & H265 compression
- Supports streaming in MPEG-2 TS (UDP), RTP, RTSP, RTMP* and TSRTSP
- Image compression to 5 Mbps
- Compatible with Spitfire® BPLM
- Supply voltage 12 – 24 VAC/DC
- Operating temp -20°C to < +60°C
- Multiple rear and side gland entries
- Ex d protection for environmental conditions underground

Nautitech® Ex d thermal cameras with ONVIF interface and 92% image compression offer real-time thermal imaging from Longwall or Development equipment to control room on the surface.



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Operational benefits for critical decision making

- ✓ Marker band identification during cutting cycles
- ✓ Situational awareness in darkened locations
- ✓ Heat source identification such as belt rollers and cables
- ✓ Transfer point analysis
- ✓ Personnel detection
- ✓ Increased driver visibility in low seams

ExTREMECAM Camera assembly with compatible Hawkeye displays and Spitfire® BPLM for real-time data transfer from the face to the surface

1 ExTREMECAM Cameras		
Item	Component	Part #
1	Ex d Thermal IP Camera w/data compression	ME5890-2-90-290
2	IS 12 Core Cable	ME1185-0-21-031
3	FRAS Cable Trailing Hose	ME5060-0-21-028
4	Ex d Straight Metric Plug, M20 thread	EXCM004224
5	FLP Cable gland, FLP, M20x1.5	CM004638
6	Clamp Hose, 16-27mm, 12W3P, SS	CM004634
7	Universal Mounting Bracket for cameras	ME5060-0-05-011

2 HAWKEYE Displays		
Item	Component	Part #
1	Hawkeye 3.5" Graphic Display	ME5460-2-90-271
2	Hawkeye Quad 7" Graphic Display	Coming Soon

3 SPITFIRE® Underground Communications		
Item	Component	Part #
1	Spitfire® BPLM	CT1228-2-99-002
2	SUPER Spitfire® Repeater	ME1228-2-99-183
3	Spitfire® Wingman Controller	ME5380-2-99-298
4	Spitfire® Wi-Fi Bubble Assembly Kit	ME5590-2-90-275
5	Spitfire® Profiler	ME5340-2-99-275
6	Spitfire® Remote Display	CT1228-2-99-004
7	Spitfire® BPLM Power Cable	PL122810
8	Spitfire® Powerline BUS Cable, M to F, 2m	CT1228-2-21-005
9	Capacitive Coupler	ME1228-2-00-029

ExTREMECAM

HAWKEYE

SPITFIRE®